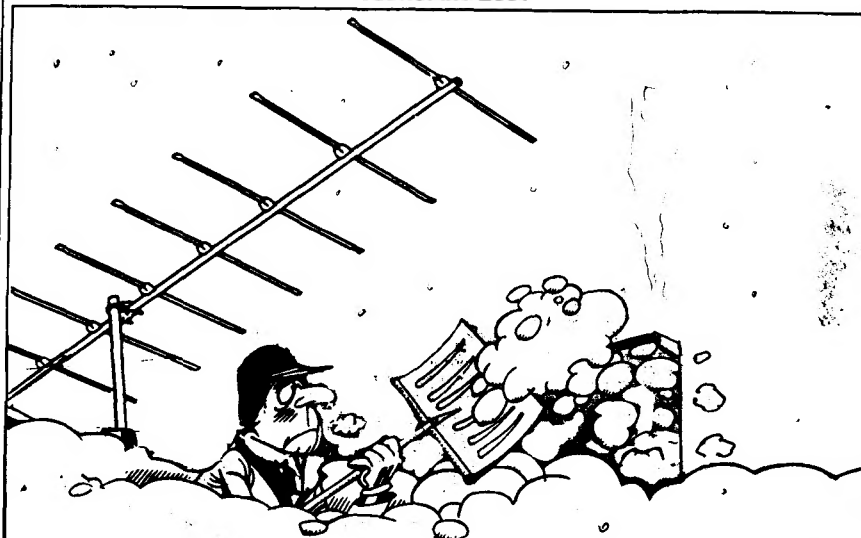


# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 2001



**BRRRR!**  
**2001: A CLASSIC**  
**WINTER**  
**FOR "DX**  
**DOLDRUMS"?**



WORLDWIDE TV-FM DX ASSOCIATION  
PO BOX 501 - SOMERSVILLE, CT 06072

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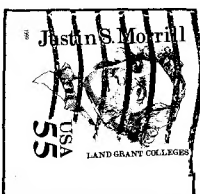
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**first class mail**



11/2001  
BILL NOLLMAN  
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06032-2735 06

06032-2735 06

## WORLDWIDE TV-FM DX ASSOCIATION

*Serving the VHF-UHF Enthusiast*

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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### FROM THE STAFF:

**LATE JANUARY VUD:** A lot of our members expressed concern regarding the late arrival of the January 2001 "VUD". Here are portions of an e-mail from Publisher Bill Thompson explaining the dilemma. *"The January VUD had to be printed up a week late, mostly due the holiday season mail rush. I suspect much of the reason for the mail slowdown was weather related. Only a few columns had actually arrived by December 20, so I had to extend the deadline a full week. Otherwise, we would have ended up with a 16-page January VUD! On top of that, they (printer) had a limited work schedule due to the holidays, and I gave them an unexpected "special order" with a membership roster insert inside the VUD. Oh well, at least it's not gonna break my January '99 record!"* While no one likes to get their VUD late, it's important to remember that WTFDA is a volunteer organization, and that no matter how carefully publishing schedules are planned, situations can arise which throw everything into disarray. A combination of factors, including another horrific mail-snarling winter in Buffalo led to the unexpected delay. Our apologies.

**WINTERTIME DXing:** It's been a pretty lackluster winter for most TV and FM DXers. As of mid-January there had only been a handful of Es loggings reported...far below average for the mid-winter 'peak'. Midwesterners reported the most instances of Tr enhancement, but again no extraordinary openings. Meanwhile, when the summer Es session cranks up there'll be a new target for our members in the western 2/3 of the U. S. and Canada. According to Doug Smith, KTFLL, channel 4, Flagstaff (63.1kw@487m) has applied for its operating permit.

**CONVENTION:** We've done our best to provide you with all the necessary information at the earliest possible date for our convention this summer in Boise; and we hope you'll take advantage of that knowledge when blocking out vacation dates and making summer plans. Just in case you've been under a rock, here's the scoop one more time. We'll be at the Super 8 near the airport, and our host, Frank Aden, has negotiated a terrific deal...2 queen beds for \$55 plus taxes (total per day is \$62.10) for our 2001 convention July 27-29. Ten rooms will be held for us until July 25 and will be allotted on a first come-first served basis. **To be assured of the quoted rate, please call the local Boise number (208-344-8871) rather than the national toll free reservation number, and mention "Frank Aden".** In addition to your lodging, a complimentary continental breakfast is included in the quoted rate. One room will be converted into a WTFDA Hospitality Center for the weekend.



## WTFDA MAILBOX

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Mike Bugaj

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### FEBRUARY 2001

Well, is it me, or did the year 2000 just fly right by? It seems like yesterday we were in the middle of skip season and here we are right in the middle of winter.

In years past I'd be hibernating with the bears until the spring, but I stayed awake to see the winter E skip season. The winter Es season was pretty much a non-event. A few DXers in the northeast noticed Es on December 27<sup>th</sup> that got into the FM band and lasted from around 7am to 10am EST. Then a very short opening occurred on the 31<sup>st</sup> which went into Newfoundland, made FM for a few minutes and then died around ten a.m. EST. Then on January 9<sup>th</sup> Rick Shafan posted on the WTFDA list about seeing Es on TV and a few of us saw some skip, in my case it came from ND, SD and IA. I saw ch4 in Pierre, SD, a new log for me. Rick Lewis and Kevin Redding both noticed some minor Es on ch2 during December, mostly Mexico.

DXers in the midwest got hit with tons of snow in December, and Buffalo set new snow records. Some DXers in that area suddenly found their antennas buried under piles of snow. So much for winter Dxing. But all is not lost. Tropo has certainly been known to happen in February, even in the northern states. Just check your radio or TV every day, and, if you have a computer, check out Bill Hepburn's tropo maps daily and



watch for DX alerts on the WTFDA list. If you do these simple things you might find yourself in the middle of a decent trop opening or logging some way off-season E skip!

This month we add two new associate members to the fold. Some of you might know Kevin Redding. Kevin lives in Mesa, AZ, is a member of the NRC and the list administrator for the NRC's TV and FM reflector. Kevin is also interested in TV and FM Dxing and so he joins us on the list for the year. We now have three members from the great state of Arizona. Also Russ Edmunds(PA) signed on as an associate member and you will find Russ posting on the WTFDA list often.

Over on the renewal side this month we have Eldon Geimon(PA), James Roggentine(CA),

Melvyn Larson(MN), David Wurl(WI), Al Germond(MO), Rick Shafan(NJ), Ted Liszewski(NJ), Dave Pomeroy(KS) and Ed Hanlon(CT), Dave Janowiak(WI), Jim Thomas, (CO), Burton Zacks(GA), Jorge Aloy (Argentina), James Brann(NC), Bruce Elving(MN), Gill Morgan(MO), and Gioivanni Bellabarba in Bologna, Italy. Thank you everyone for spending another year with us.

### WTFDA MEMORABILIA

There is another WTFDA site on the internet, and it's the WTFDA Memorabilia site. This site came about because I was sent some old interesting items from John Ebeling, and the question arose what to do with it all. So, we created another website and put it there. Some material is about DX and some is about FM radio and 1940 television frequency specs, etc. Wally Dickson also contributed quite a bit by scanning some of the things he had and emailing them to me. If you are interested in the early days of television and radio, take a look. You will find some interesting things there. The url is: <http://members.fortunecity.com/wtfdamem> with an alternate url of: <http://nav.to/wtfdamem>. If you have any old articles, photos or items laying around you can either email them to me as an attachment (like Wally did) or mail them to the club address and I'll scan them and put them on the site. Make sure to tell me if you want the items back and I will return them to you.

### VIRTUAL CHANNELS

We're talking about virtual DTV channels. They exist but you can't see them. Confused? Let Doug Smith explain: "The Upper Midwest Broadcasting website reports, and the WISC-TV site confirms, that WISC-DT [50] came on the air yesterday. They're carrying a NTSC simulcast (plus CBS HD programming) on 3-1 and their previously cable-only TWV WB affiliate on 3-2". Now Bill Nollman read this, and being naturally curious, wondered what 3-1 and 3-2 meant. Doug replied: "A DTV station has a "virtual channel table". WISC-DT may be broadcasting on the frequency we in the NTSC world call "channel 50", but if you have a DTV receiver you do NOT punch up "50" to get the station.

Rather, you punch up the "major" and "minor" channel numbers which the station chooses to be known by.

WISC's analog signal is on channel 3, so they choose to use 3 as their major channel number. (this is a standard, though one that is occasionally violated by PBS stations. PBS is uplinking a pre-encoded DTV stream with the major number set to 80, I guess they're assuming there are no NTSC stations left on channel 80. PBS affiliates are supposed to replace that data field with their real major channel number, but some aren't. (KTCI Minneapolis for example) Local viewers are having to select channel 80 to get PBS DTV.)

A DTV station can transmit more than one program simultaneously. The minor number is used to select which program you get. WISC-DT is transmitting CBS programming (parallel to NTSC channel 3) and WB programming (parallel to a NTSC channel they run on cable) simultaneously, so they need two different minor numbers. They use -1 for the CBS station and -2 for the WB.

(WCYB-DT [28] Bristol does roughly the same thing, except that they have two more programs, a Pax channel and a continuous weather map channel.)

### HOW I STARTED DXING

Well, you've read the essays written by various WTFDA members recounting how they started in Dxing, so it's probably time you read mine. So, grab a beer and here we go:

It had to be in the late 50s. I remember Sarah Vaughn's Broken Hearted Melody on the radio... The Big Hurt, with the swooshing special jet-plane effects in it.

My dad worked in a factory. He didn't make very much money, and there were four of us in the family and we had to eat. So he took a correspondence course in radio repair, and did darn good in it. He finished the course and stuck a sign out in front of the house that said "Joes Radio Repair" in large letters. I used to watch him repair radios.

He had a little shop set up in our basement, and I'd go down there and find all kinds of radios sitting there. I asked him if I could have one, and he gave me this huge monster, about 5 feet tall (it seemed). The exterior was all wood, and the speaker had to be about 18 inches across. It had a beautiful finish. I remember the words "super heterodyne" on the front. It had the AM band and shortwave. I would listen to WMGM and WINS and WMCA and WABC and WNAC (680) and WHEB in NH on 750 and WCAU on 1210.

Somewhere in a magazine, I read that if you stayed up until midnight and tuned to 640kc you

could hear Los Angeles. And I began to wonder if I could also. So I had my dad put in a jack for some headphones so I could listen and not wake everybody up at night. Then I told my mom I was going to stay up late to see if I could hear some distant stations. I bought some wire and ran it out the 2nd floor window to a telephone pole we had in the back yard about 75 feet away, which originally was going to be something to connect our clothesline to. Then I waited until Sunday night. Around 11:30pm I tuned to 640 and heard a Spanish station (Cuba). I realized this whole idea could be a waste of time with that Spanish station coming in strong. But....right at midnight, the Spanish station signed off, and there was absolutely nothing on 640. Nothing. But a few minutes later, there was something... weak, but it was there. And it began to get stronger. And pretty soon I could make out the sound of big band music and the announcer breaking in and telling me that this music was coming from the ballroom of some hotel in downtown Los Angeles on KFI. Right then and there I was hooked. A short time later I found out about FM DX and got hooked on that too.

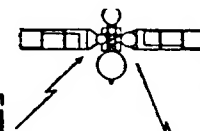
I remember sometime during the middle 60s there was a total eclipse of the sun. This just happened to coincide with an E Skip opening. I don't know why I was tuning the dials during an eclipse while everybody else was outside looking at it, but I did and I remember hearing New Orleans on FM with only a dipole. This gave me the idea that Es and eclipses go together, and for a few years after that I always checked for Es even during a partial eclipse.

### LOW LOSS ANTENNA COUPLERS

A semi-recent letter from George Hamer inquired about the availability of low loss antenna couplers. The reply came from Ed Hanlon: "You could try looking at designs from Mini-Circuits in Brooklyn, NY, phone (518) 934-4500. I'm about to stack 4 UHF passive wave antennas using their ZFSC-4-175 combiner. It's 75 ohms, has BNC connectors, and needs to be protected from the elements. It works from 10-1000 MHz, and claims a "maximum insertion loss above 6dB of 2.0 dB". It costs around \$90.00. I've had people use a Mini-Circuits 3-way combiner for stacking (3) APS-13's, and it works very well".

### LAST BUT NOT LEAST...

Some of the material in the Mailbox comes right off the WTFDA reflector. If you find some of these items interesting, consider subscribing yourself. This is just a taste of what you will find. It's winter...it's slow...write! CU next month-Mike



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## SATELLITE NEWS

It's good to be back after a brief absence. Hope your holidays were great. Many thanks to those who sent me holiday greetings. Now to the new stuff/changes.

GE Americom (the old C-1)

Delete XPDR 3 - C Band Central and XPDR 10 - Daystar Satcom C4

XPDR 20 delete Showtime 2 and ADD - Sundance - East

add - 601 - TV Game Network

add the following changes and additions

750 - VH1 Espanol

751 - MTV EN Espanol

752 - Telemundo

753 - Discovery Espanol

754 - Cine Latino

755 - TV Rio De La Plata

756 - Fox Americas

757 - CNN En Espanol

758 - Toon Disney En Espanol

DMX Latino

860 - Latin Contemporary

861 - Fiesta

862 - Rock Espanol

863 - Latin Jazz

864 - Regional Mexican

865 - Tejano

866 - Salsa

867 - Music Of The Americas

Galaxy 1

add - 602 - Home and Garden Television

Satcom C3-

XPDR 1 - MPEG - Change in Fox Family Channel, etc alignment

XPDR 3720V - MSPS# -30000

Fox Family Channel - West

feeds

Health Net

NATIONAL GEOGRAPHIC CHANNEL

Fox Movie Channel

Fox Sports World

Fox Sports Espanol

Telstar 7

700 - 723 - Mexican Suite - do not know all ID's, but a few are

708 - ESPN 2

722 - Discovery Health en Espanol

723 - Discovery travel en Espanol

Others are Gran Canal Latino, Casa Club, Movie World and others

800 - delete Independent Music Network and add B-Mania

delete 400

Satmex 5

delete channels 794 through 805 - most on MPEG this bird

or 4DTV on Telstar 7

Anik E2 - C band

delete all audio subcarriers - and soon delete all CBC XPDR'S

GE Americom GE1

add - M2 on XPDR 20 from Galaxy 10 XPDR 16

407 - Sports 1

GE 4

delete XPDR 10 - Daystar

on K-Band - delete 610 through 615

Galaxy 11

delete XPDR 20 - Fox News Channel- now only on 18

800 & 801 - BET Music Channels - delete BOTH

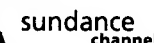
Telstar 402 - delete 6 - VTV4 - Hanoi - now only on MPEG

GE3 - Ku Band

delete PBS feeds on 601 - 605 and 640 - 643

That's all for this time - see you in 30 - Have great DX

*George*



# TV News

Douglas E. Smith W9WI  
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Pleasant View, TN 37146-8098  
W9WI@w9wi.com

## February 2001

<http://www.w9wi.com>

### Abbreviations:

AF	Applied for (a new station)	NW	New station on the air
CA	Class A status request/grant	PC	Power (or tower height) change on the air
CC	Call change	PG	Power (or tower height) change granted
CL	City-of-license change	QC	Channel change on the air
DE	Station deleted	QG	Channel change granted
FC	Programming (format) change	SI	Off the air ("silent")
LC	License to cover (for changes or new station)	XC	Transmitter site change on the air
NO	Not on the air	XG	Transmitter site change granted
NS	New station granted permit		

### News:

<b>Alabama:</b>				<b>Arkansas:</b>			
Gulf Shores	WGHA-LP 66n	denied QG to ch. 29z		Batesville	many	request LC, see below.	
Mobile	WWBH-LP 27n	FC to Dream Network		Batesville	K22ES/K65FN	request PC, unknown	
Moody	WBMG-LP 38-	FC to Dream Network		El Dorado	many	request LC, see below.	
<b>Alaska:</b>				<b>California:</b>			
Eagle River Rd.	K6ICB	requests QG to ch. 60n		El Dorado	K29DC/K36DR/K40EF	request PC, unknown	
Fairbanks	KATN 2	requests PG< 26.7kw/129m, 64-54-42/147-46-38 bet. College & Fox.		El Dorado	KLMB-LP 23z	CA	
				Fayetteville	KHOG-DT 15	NS 180kw/266m, 36-00-57/94-04-59	
				Fort Smith	KHBS-DT 21	NS 345kw/584m, 35-04-18/94-40-42	
				Hindsville	K41GM	QG from ch. 59	
<b>Arizona:</b>				<b>California:</b>			
Bullhead City	K65FI	requests QG to ch. 25. Previous request for ch. 45 dismissed.		Avalon	KIDN-TV 54+	PG 5000kw/366m 33-21-00/118-21-05 (SE end of Santa Catalina Island) or 2290kw/959m, 34-13-37/118-03-58 (Mt. Wilson) QG from K55CN denied NS (LP) requests LC-NW (5000kw/428m, 33-03-02/114-49-38, Quartz Peak northwest of Yuma, AZ) Reportedly Univision.	
Douglas	K30FG	requests XG to 31-29-08/109-57-21		Bakersfield	K21FP	new 57	
Douglas	K38FH	requests XG to 31-29-08/109-57-21, PG< 2kw.		Bakersfield	KAJB 54z		
Flagstaff	KTFL 4+	requests LC-NW (63.1kw/487m, 34-58-04/111-30-30W, NW of Mormon Lake)		Calipatria			
Flagstaff	KCFG 9z	requests LC-NW (1kw/594m, 35-14-26/111-35-48, just north of town)					
Globe	K30ES	requests LC-NW		Chico	KKPM-LP 28z	requests LC-NW (20kw, 39-57-34/121-42-40)	
Green Valley	KPCE-LP 29-	requests LC-NW		Daggett	K26FO	requests LC-NW (1.07kw, 34-53-07/116-53-45)	
Green Valley	KXGR 46z	requests LC-NW (1679kw/1095m, 32-24-54/110-42-56, Mt. Lemmon) (has CP modification for 1860kw)		Eureka	many	request LC, see below.	
Holbrook	KPHZ 11+	CC, ex-KBCZ		Eureka	K17EH/K33FN/ request PC, K41FD/K48GP/ unknown		
Phoenix	KDRX-LP 48+	requests PG> 35kw/1092m.		Fallbrook	K50EQ	sold to KUSI [51] San Diego, independent.	
Tucson	KVOA 4-	denied QG to ch. 48, Mexican objection.		Fresno	KSEE-DT 16	requests PG> for CP to 326kw/601m, 37-04-19/119-25-48.	
Tucson	K40AC	requests QG to channel 5.		Indio	K08MX	QG from ch. 63	
Winslow	K09JZ	CC, ex-K35EX					
Yuma	KESE-LP						

<b>California:</b>				<b>Georgia:</b>			
Mammoth Lks.	KDAY-LP	CC, ex-K33EG		Augusta	WBEP-LP 16z	requests LC for QG from ch. 67	
Morro Bay	K09UF	requests LC-NW, 13.6kw, 33-48-07/116-13-27		Colquitt	many	request PG & LC-NW; see below	
Palm Springs	K17EO	CA		La Grange	WCAG-LP 33+	CA	
Paso Robles	KJCN-LP 36-	CA		Moultrie	W21BP	requests PG (unknown), LC-NW 2.62kw, 31-08-05/84-06-16	
R Palos Verdes	KRPA 44+	NW, FC to A1. 5000kw/451m, 33-21-00/118-21-08 (SE end of Santa Catalina Island)		Rome	WANX-LP 26	FC to HSN	
S Luis Obispo	K44FD	requests LC-NW, 18.9kw, 35-21-38/120-39-21		Hawaii:			
Santa Barbara	K08MP	requests LC-NW, 750w, 34-27-55/119-40-38		Wailuku	KOGG-DT 16	NS, 50kw/1723m, 20-42-34/156-15-54	
Santa Maria	K07TA	CA		Waimanalo	KMGT 56z	CC for NS	
Visalia	KMPH-DT 28	NS 219kw/763m, 36-40-02/118-52-42		Idaho:			
				Boise	many	request LC-NW, PG (unknown), see below	
<b>Colorado:</b>				<b>Illinois:</b>			
Durango	KREZ-DT 15	50kw/93m, 37-15-44/107-53-58		Alton	W50CH	QC from ch. 57, PC> 31.7kw	
Fort Collins	KPXH-LP	CC, ex-K17EN		Aurora	W24AJ	CA	
Pueblo	KTSC 8z	denied PC< 240kw/715m		Chicago	WOCK-CA 13+	CC, ex-WOCK-LP	
				Chicago	WGN-DT 19	NW. 475kw/453m, 41-52-44/87-38-10	
<b>Connecticut:</b>				<b>Indiana:</b>			
Bridgeport	W28CA	requests LC-NW 44.3kw, 41-09/58/73-13-03		Chicago	W23AT	CA	
Hartford	WRDM-LP 44+	CA		Quincy	WLS-DT 52	NW. 154kw/514m, 41-52-44/87-38-10	
<b>Florida:</b>				<b>Quincy</b>			
Fort Myers	W22CL	requests LC-NW, 15kw, 26-30-18/81-51-14		Quincy	WGEM-DT 54	NS, 1000kw/217m, 39-57-03/91-19-54	
					many	request LC-NW, PG (unknown) see below	
Ft. Walton Bch.	W26BV	requests PG, unknown. Requests LC-NW.					
Ft. Walton Bch.	W11CQ	QG from ch. 69 (W69DH), 1kw, 30-30-48/86-27-54. Requests LC.					
Gainesville	WJXE-LP 43-	CA					
Hollywood	WAMI-DT 47	NS, 1000kw/311m, 25-58-03/80-12-34					
Melbourne	WOPX-DT 48	NS, 1000kw/456m, 28-05-37/81-07-28					
Naples	WWDT-LP 43z	requests LC-NW, 21.3kw, 26-12-07/81-48-49					
Ocala	WOGX-DT 31	NS, 1000kw/259m, 29-21-32/82-19-43					
Panama City	W14CN (64?)	PG (unknown, to ch. 64?); requests LC-NW.					
Panama City	W05CI	QG from W17CG; ch. 5z, 1kw, 30-15-18/85-56-25, requests LC-NW.					
Panama City	W23CA	QG from W36BU, ch. 23-, 1kw, 30-14-52/85-33-07, requests LC-NW.					
Pensacola	WBQP-LP 12+	CA					
Tallahassee	WACX-LP 9z	CA					
Tampa	W68CF	PG> 7.5kw, 27-49-10/82-15-39					
Tequesta	WPBF-DT 16	NS, 1000kw/454m, 27-07-17/80-23-42					
Venice	WVEA-TV 62	CC, ex-WBSV-TV					
Vero Beach	WWCI-LP 10z	CA					

<b>Maine:</b> Bangor	many	request LC-NW; see below	<b>Mississippi:</b> Meridian	W59DE	requests QG to ch. 38z, 28.1kw, 30-44-25/88-08-55 (NW side of Mobile, Alabama)
Bangor	W54CG	requests PG (unknown)			
<b>Maryland:</b> Towson	WMJF-LP 16z	requests LC-QG from ch. 61; 1.22kw	Meridian	many	request LC-NW; see below
<b>Massachusetts:</b> Boston	W40BO	requests LC for QG from ch. 54; 20kw. FC to ValueVision & Pax.	<b>Missouri:</b> Joplin	K04OV/K52FC/K55HU	request LC-NW (unknown)
Worcester	WYDN 48+	requests LC-NW, 240kw/246m, 42-18-14/71-53-51 (E. of Paxton)	Joplin	K52FC	requests PG (unknown)
<b>Michigan:</b> Detroit	WKBD-DT 14	requests LC-NW, 200kw/269m, 42-29-01/83-18-44	<b>Montana:</b> Bozeman	KMZV-LP	CC, ex-K32EP
Houghton Lake	many	request PG and LC-NW; see below	Bozeman	K42BZ	CA
Ludington	W34BZ/W48BY/W55CG	Request LC-NW, PG (unknown)	Bozeman	KBXM-LP 50n	CC, ex-KBZV-LP
Mt. Pleasant	W44BQ	requests QG to ch. 22	Butte	KBTZ 24z	CC for NS
Mt. Pleasant	W61DK	requests QG to ch. 35n, PG to 5.71kw, 42-43-58/84-33-13, site in downtown Lansing.	Great Falls	KLMN 26z	CC for NS
Sault Ste. Marie	W21BN	requests PG (unknown)	Pablo	K25CL	CA
Sault Ste. Marie	W32BN	requests PG (unknown)	<b>Nebraska:</b> Lincoln	K56GQ	QG from K22CX; ch. 56z, 11.9kw
Sault Ste. Marie	many	request PG and LC-NW; see below	<b>Nevada:</b> Las Vegas	KEEN-LP 17+	CA
Traverse City	many	request PG and LC-NW; see below	Las Vegas	KTVY-LP 55z	QG from ch. 63
<b>Minnesota:</b> Appleton	K40FX	QG from K15DC; ch. 40z, 1.26kw	<b>New Jersey:</b> Atlantic City	WWSI 62-	NW, Telemundo. 5000kw/304m, 39-36-15/74-22-01 (bet. Tuckerton & Mystic Island on Hwy. 9)
Appleton	K51GE	QG from K25EI; ch. 51z, 1.21kw			
Minneapolis	K07UI	CA			
Rochester	KTTC-DT 36	NS, 1000kw/328m, 43-38-34/92-31-35 (bet. Ostrander & Grand Meadow, NOT KTTC [10] site)	Hammonton	WPSJ-LP 24-	CA
			Newark	WNET-DT 61	NS; 219kw/448m, 40-42-43/74-00-49 (World Trade Center, NYC)
			Secaucus	WWOR-DT 38	NW, 143kw/448m, 40-42-43/74-00-49
<b>Mississippi:</b> Bruce	W07BN	PG> 3kw, 34-01-17/89-21-17	<b>New Mexico:</b> Carlsbad	K45GJ	QG from K57FI to ch. 45-, 590w
Grenada	W12CR/W28BP	request LC-NW; PG(unknown)	Las Cruces	K20GL	QG from ch. 68
Grenada	W25BA	requests QG to ch. 30+, 5.6kw, 33-46-29/89-49-12	Las Cruces	KRWG-TV 22	correction of coordinates to 32-15-33/106-58-30
Grenada	W36BT/W41BV/W46CK	Request LC-NW (unknown)	<b>New York:</b> Buffalo	WNED-TV 17z	PG to non-commercial status
Holly Springs	WBII-LP 20z	requests PG<12.5kw			
Jackson	WMPN-TV 29+	requests LC-PG> 1020kw/475m, 32-11-29/90-24-22 (SE of Raymond)	Buffalo	WNEQ-TV 23z	PG to commercial status; CC reported to WNLO but not official yet.
Meridian	W56DK	requests QG to ch. 36-, 106.9kw, 30-42-29/89-05-06 (McHenry)	Easton	WVBX-LP 39	requests QG to ch. 15z
			Ithaca	W16AX	requests LC-PG 28.5kw
			New York	WNBC-DT 28	NW, 178kw/448m, 40-42-43/74-00-49
			New York	WPIX-DT 33	NW, 265kw/448m, 40-42-43/74-00-49
			Olean	W22AZ	denied QG to ch. 41+
			Olean	WONS-LP	CA
			Plattsburgh	W49BI	requests LC-NW, 500w (or 207), 44-34-26/73-40-29 (or 44-51-08/73-58-267)

<b>New York:</b> Rochester	WROH-LP	CC, ex-W47BM	<b>Puerto Rico:</b> San Juan	WJPX 24z	granted correction of coordinates to 18-16-47/65-51-14, 581m HAAT
Southampton	WVTV-LP 50z	CA			
Syracuse	WNYS-TV 43+	FC to WB (drops UPN)			
Utica	W53AM	requests LC-PG 9.71kw	<b>South Dakota:</b> Madison	K27DB	denied QG to ch. 53
<b>North Carolina:</b> Charlotte	WGTB-LP 28z	CA	Mitchell	KDLV-TV 5+	requests correction of coordinates to 43-45-33/98-24-44
Durham	WIIW-LP 26z	requests LC-QG from ch. 59			PG<186m
Fayetteville	WFPX-DT 36	NS, 1000kw/242m, 34-53-05/79-04-29	Rapid City	KOTA-TV 3+	
Goldsboro	WNCN-DT 55	NW, 525kw/628m, 35-40-29/78-31-40 (Auburn)	<b>Tennessee:</b> Acton	many	request PG & LC-NW. See below.
Lenoir	WTBL-LP 49-	CA	Chattanooga	WYHB-LP 39	FC; drops WB. UPN?
Lumberton	WLPS-LP 7+	CA	Chattanooga	WDSI-DT 40	NS, 1000kw/350m, 35-12-34/85-16-39
New Bern	WCTI-DT 48	NW, 161kw/542m, 35-06-15/77-20-12			request PG & LC-NW. See below.
<b>North Dakota:</b> Grand Forks	new 27	NS; 5000kw/607m; 47-16-45/97-20-26 (KXJB[4] tower, Galesburg); four o p p o s i n g applications denied	Kingsport	WKPT-LP 25z	CA
			Nashville	WIII-LP 14-	LC-NW, 16.4kw, 36-09-48/86-46-56. All color bars, all the time...
<b>Ohio:</b> Cincinnati	WBQC-LP 25z	CA	Union City	W09BM 26-	CA
Cleveland	WXOX-LP 65-	requests QG to ch. 57-, 10kw	Dyersburg	WDYR-LP 33	FC; sold to WTCT 27,(IL) TBN/relig.
Columbus	WCPX-LP 48z	requests LC for QG from ch. 62; 40kw	Knoxville	WEZK-LP 28z	QC (34)
			Memphis	WPXX-DT 51	NS; 1000kw/298m, 35-12-41/89-48-54
			Memphis	WJRJ-LP	CC, ex-W59DJ
			Nashville	WGAP-LP 26-	QC (68), 11.9kw
<b>Oklahoma:</b> Oklahoma City	KKCC-LP 19+	CA	<b>Texas:</b> Abilene	K51CK	requests QG to ch. 52z
Oklahoma City	KSBI 52z	requests LC for PG>3020kw/461m, 35-35-54/97-29-25 (122nd. & Kelley Ave)	Bryan	KRHD-LP 34z	CA
			Corpus Christi	KZTV 10-	PG> 290m, 27-42-27/97-37-59 (N. of Petronila)
			Dallas	KERA-DT 14	NW, 475kw/500m, 32-34-43/96-57-12
<b>Oregon:</b> Coos Bay	K44FH	requests LC-QG from ch. 67	Dallas	KDAF-DT 32	NW, 950kw/537m, 32-32-35/96-57-32
Corvallis	KOAC-DT 39	NS; 1000kw/341m, 44-38-25/123-16-25	Dallas	KJJM-LP 34z	QG from ch. 46; 50kw, 32-32-35/96-57-31
Eugene	KORY-LP 41n	CA; CC from K41DF	Dallas	K44FO	QC, ch. 44z, 20kw, 32-46-48/96-48-14 (ex-K19DW)
Klamath Falls	KOTI-DT 13	NS; 26.6kw/659m, 42-05-48/121-37-57	Fort Worth	KTXA-DT 18	NW, 220kw/535m, 32-32-35/96-57-32
Newberg	KOXO-LP 51z	CA; CC from K66EJ	Hillsboro	K57IG	QG from K31FA; ch. 57z, 100kw, 32-35-19/96-58-06
Pendleton	K21EK	requests LG-NW, 30.9kw, 45-44-51/118-02-11	Killeen	KPLE-LP 31-	CA
Pendleton	KORX-LP 16n	CA; CC from K16DD	Killeen	KAKW 62	FC to WB/UPN (from UPN/WB)
Portland	KKEI-LP 56-	CA; CC from K56EI	La Vernia	K46GB	requests LC-NW, 8kw, 29-17-39/98-15-32
Roseburg	KTVG-DT 18	NS; 50kw/213m, 43-14-09/123-19-16			
Roseburg	K49FV	QG from K14HA, 1.5kw	Laredo	KZLD-LP 25+	CA
Salem	KORS-LP 36-	CA; CC from K55HS	Lubbock	KLMV-LP	CC, ex-K68FU
<b>Pennsylvania:</b> Lancaster	WGAL-DT 58	NS; 907kw/393m, 40-02-04/76-37-08	Mesquite	KATA-LP 50-	CA
Mansfield	W20BY	QG from W63AB to ch. 20-, 1kw	San Antonio	K31EX	CA
Scranton	WVIA-DT 41	NW; 200kw/487m, 41-10-55/75-52-17	Seminole	K53GA	denied QG to ch. 17
			Stamford	KIDT-LP 43z	CA
			Sweetwater	K35EK	CA
			Victoria	KCPV-LP 7-	CA

<b>Texas:</b> Victoria Victoria	KXTS-LP 41z KVIT-LP	CA CC, ex-K53CZ	<b>Wisconsin:</b> Eagle River	WYOW 34z	requests LC-NW, 2240kw/247m, 45- 46-30/89-14-55 (nr. Sugar Camp in northern Oneida Co.)
<b>Utah:</b> Logan	KUTN-LP 3	denied QG from ch. 12			
Ogden	KSVN-LP 49-	CA	Fond du Lac	WMMF 68z	requests LC-NW, 35kw/87m, 43-50- 20/88-22-08 (about 5mi NE of Fond du Lac) FamilyNet.
Ogden	KULX-LP 51n	CA			
Richfield	KUES 19z	requests LC-NW, 1.2kw/441m, 38-38- 04/112-03-33 (E of Monroe)	Madison	WISC-DT 50	NW. 603kw/466m, 43-03-21/89-32-06
Tooele	K20ER	denied QG to ch. 64			
Tooele	K54GB	denied QG to ch. 63. Now requests ch. 64.	<b>Wisconsin:</b> Milwaukee	WMKE-LP 7+	CA
<b>Vermont:</b> Manchester	WVBK-LP 2	requests QG from ch. 49	Milwaukee	WTMJ-DT 28	requests LC-NW, 1000kw/273m, 43- 05-29/87-54-07
			Sturgeon Bay	W22BW	CA
<b>Virginia:</b> Blackwater	WAPG-LP 51z	CA	Tomah	WUSK-LP 35+	requests QG to ch. 58
Pennington Gap	WMEV-LP 4+	CA	Spooner	W51DC	QG from W57AS; ch. 51+, 15.1kw
Portsmouth	WAYV-DT 31	NS; 1000kw/280m, 36-49-14/76-30-41	Wausau	WHRM-DT 24	NS, 200kw/387m, 44-55-14/89-41-30
Winchester	WAZW-CA 48+	CC, ex-WAZW-LP	Whiting	W06BU/W16AY	W24BV
Wytheville	WKPZ-LP 3n	CA			Request PG & LC- NW, unknown
<b>Washington:</b> Camas	KOXI-LP 19+	CA; CC from K19CT	Whiting	many	request LC-NW, unknown, see below
Ellensburg	KWWA-LP 49+	CA; CC from K49EI	<b>Wyoming:</b> Cheyenne	K45EX	requests LC-NW, 10.3kw, 41-10- 01/104-45-21
Kennewick	KVVK-LP 15+	CA; CC from K60FX			CA
Kennewick	K62EM	requests PG to ch. 23-			
Moses Lake	K39DL	denied QG to ch. 49	Sheridan	K07HC	
Tacoma	KWDK 56z	requests LC-NW, 3980kw/695m, 47- 30-17/121-58-06	<b>CANADA:</b> <b>British Columbia:</b> Blackpool	new-5/6/13	AF, all 10 watts. To carry CHKM [6, CTV]; CFJC [4, CBC], and Knowledge Network.
Yakima	KKFQ-LP 2+	CA; CC from K02PN			
Yakima	K56EG	requests QG to ch. 49n			

Wireless-cable systems in fourteen cities have applied for various modifications and licenses to cover. In many cases, they no longer appear to plan wireless-cable operations, as the transmitters have been moved to a variety of sites. In other cases, "caretaker" facilities seem planned at powers of 10 watts - I'm not convinced they actually plan to build those facilities. I've had difficulty telling which facilities are actually in use. Anyway, here goes. Consider these educated guesses.

#### Batesville, Arkansas:

All stations at 35-53-26/91-44-00.

K20EX, K22ES, K28FO, K35EA, K53FM, K67GR - 510 watts  
K30EC, K40DS, K44DS, K57FV, K59FB, K61FP, K65FN, K69GT - 1.22kw

#### El Dorado, Arkansas:

All stations at 33-16-19/92-42-12. All 740 watts except K36DR (10 watts) & K63FX. (580 watts)  
K27FF, K29DC, K36DR, K40EF, K46DT, K48EP, K50EK, K53FB, K57GF, K59FJ, K63FX, K66EX, K69HO

#### Eureka, California:

All stations at 40-29-52/124-17-36. All 1kw.  
K17EH, K27FX, K31EW, K33FN, K41FD, K48GP, K50EQ, K52FK, K57HB, K59FW, K63GK, K67GU,

#### Colquitt, Georgia:

All stations at 31-15-00/84-42-16. All 1.16kw except W08DM (90 watts).  
W08DM, W22BV, W26BM, W30BO, W45BL, W47BX, W51CQ, W69DO

#### Ottumwa, Iowa:

All stations at 41-01-27/92-28-56. All 990 watts or 1kw.  
K21EM, K31ED, K45EE, K49DX, K51FI, K55GS, K58ER, K65GA, K67GH

#### Boise, Idaho:

All stations at 43-45-16/116-05-56. All 1.05kw.  
K56FQ, K60FH, K64EJ, K68EJ

#### Quincy, Illinois:

All stations at 39-58-22/91-19-54, all 1kw.  
W34CD, W36BS, W45BM, W49BS, W53BP, W61CO, W63CL, W65CZ, W67DR, W69DP

#### Talbert, Kentucky:

All stations at 37-32-46/83-23-42.  
W16BI, W20BO, W51CK, W54CI, W64CM - 500w  
W24BT, W26BK, W66DA, W69ED - 1kw  
W31BU, W53BQ - 110w

#### Alexandria, Louisiana:

K16DK, K21EL, K23DZ, K43EI, K50DW, K55GT, K57GK - 810 watts, 31-16-04/92-26-24  
K38EG, K60GE - 10 watts, 31-18-24/92-24-12

#### Bangor, Maine:

All stations at 1.16kw, 44-45-36/68-33-59  
W22BU, W39CC, W42BZ, W50BX, W54CG, W58CM, W66CL

#### Houghton Lake, Michigan:

All stations 1kw, 44-17-18/84-43-30  
W18CB, W21BS, W24CG, W31BN, W36CE, W50CD, W52CO, W55CH, W57CQ, W59DC, W61CS, W63CH, W65DJ, W67DN

#### Sault Ste. Marie, Michigan:

All stations 1kw, 46-26-16/84-22-42  
W21BN, W32BN, W36BV, W39BY, W48BZ, W50CA, W56DI, W58CO

#### Traverse City, Michigan:

All stations 500 watts, 44-46-13/85-41-43  
W15BM, W23BL, W34CE, W36BZ, W48CC, W56DF, W58CN, W62CQ, W66CX, W68DD

#### Meridian, Mississippi:

All stations 7.72kw, 32-08-18/89-05-36  
W20BS, W26BR, W34CH, W36BY, W43BM, W46CL, W48CF, W52CS, W54CD, W56DK, W59DE, W61CV, W65DE, W69DJ

#### Acton, Tennessee:

All stations 1kw, 35-00-00/88-31-15 (which puts the tower dead on the Tennessee-Mississippi state line!)  
W14BW, W20BJ, W32BG, W34BU, W38BZ, W43BH, W46CE, W49BK, W56DA, W62CK, W66CG, W69DB

#### Jackson, Tennessee:

All stations 1kw, 35-32-39/88-47-18  
W22BR, W25BY, W38BY, W46CG, W52CZ, W54BU, W62CJ, W64BZ, W66CF

#### Whiting, Wisconsin:

All stations 1kw, 44-32-36/89-40-07  
W40BC, W43BK, W46CC, W60CI, W62DA, W65DN

## Forum & Other Stuff

Thanks to Chip Kelley, Neil Kazaross, Jim Ayers, Glenn Hauser, Frank Aden, Russ Edmonds, Tom Yingling, Larry Hart, Eric Bueneman, and David Cox for information in this month's column. I note with interest that K59DJ Eugene, Oregon has applied to move to channel 37. We'll see what the FCC has to say about that!

Two more DTV stations are "multicasting". WISC-DT Madison is CBS on the main program and WB "TVW" on logical channel 2. They've been carrying this WB affiliate on cable for a few years. And WCTI-DT New Bern is ABC and UPN.

There is one generic programming change this month. "The Box", the pay-per-view music-video channel airing on LPTVs in many large cities, was bought out by Viacom, owners of MTV, awhile back. They have now changed the name of this service to "MTV2". Note also the two Alabama LPTVs running the "Dream Network". This is a network for the African-American community. It claims a number of other LPTV affiliates but I've not been able to find a list.

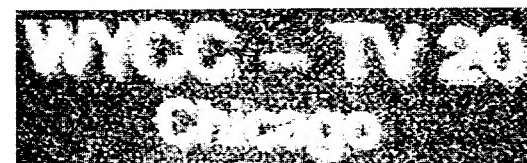
Jim Ayers also brought my attention to a typo in the December column. No, I did not see an Atlanta DTV station on channel 37! It should have read 27. I did mention a channel 25 DTV signal, which Jim says doesn't yet exist. The TV I was using didn't have very good image rejection; my guess is I was seeing an image of WSB-DT [39] on channel 24.

KUES [19] at only 1.2kw is by far the lowest-powered full-license UHF station in the U.S.. If not for the fact that KUES has some real tower height, it would also be the lowest-coverage-area full-license station period. But that title will have to go to KJUD [8] Juneau, Alaska, whose 200 watts are radiated from a tower 289m (nearly 900') below average terrain.

Tom Yingling found a posting on the newsgroup alt.tv.hdtv suggesting that the HDTV demonstration station, WHD-TV [35] Washington, has been back on the air. This station had been closed down after the FCC adopted the DTV rules, but it looks like it's back. The Internet report is that they've been running a demo reel of military aircraft. Tom hasn't seen it yet.

Frank Aden saw some reports that new KIDA [5] Sun Valley was to be a satellite of KPVI [6]. After contacting KPVI, they deny it. We'll consider this one a mystery. (At least until someone sees it on E-skip this spring...) Speaking of new stations and E-skip, note a new high-powered channel 4 on the air in Arizona. KNAZ [2] appears in a lot of logs; one can bet KTFL will do likewise.

Good DX!



# FM NEWS

## FEBRUARY 2001

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**KEY TO ABBREVIATIONS:**  
&: satellite programming  
AF: New frequency allocation  
accepted for filing for a new FM license  
AFA: American Family Association  
CC: call letter change  
CL: city of license change  
CX: a construction permit has been canceled  
C1, C2, etc.: a change in status to that FM license class  
DA: directional antenna  
DE: station has been deleted  
FC: format change  
GA: granted amendment to the table of FM allocations  
GE: granted extension of construction permit

GX: granted replacement of expired permit  
LC: license to cover filed (means station is ready to come on air)  
MC: multiple-city legal ID  
NC: no change yet on a reported change/permit  
ND: non-directional antenna  
NO: not on the air  
NS: new station granted  
NW: new station signs on  
OSA: one-step application granted for change  
PA: proposed amendment to change FM table of allocation  
PC: power change on the air (">" for increase, "<" for decrease, when known)

PG: power change granted (">" for increase, "<" for decrease, when known)  
QC: frequency change occurred  
QG: frequency change granted  
RA: silent station returns to air  
RE: station requests extension on permit  
RX: station requests replacement of expired permit  
SG: slogan change or update  
SI: station is silent  
XA: dismissed amendment to FM allocations  
XC: transmitter site change occurred  
XG: transmitter site change granted



## UNITED STATES

### ALABAMA:

Brewton: WELJ 90.9 CC (ex WPHG)  
Cordova: WFFN 95.3 FC to JRN oldies

### ALASKA:

Fairbanks: KAKQ 101.1 PG> 32 kW, 571 ft, XG: 64-54-55 / 147-38-52

### ARIZONA:

Hotevilla: KUYI 89.1 LC  
Kingman: KFLG 94.7 CC (ex KZZZ), FC to oldies  
Nogales: KOFH 99.1 NW, Spanish variety  
St. John's: KWKM 95.7 LC  
Springerville: KQAZ 101.7 PG> 55 kW, class C1, 1243 ft, DA, XC: 34-15-06 / 106-35-06

### ARKANSAS:

Bryant: KCDI 93.3 PG> 6 kW, 328 ft, CL from Malvern, AR  
Cherokee Village: KFCM 98.3 XC: 36-21-58 / 91-28-35  
El Dorado: KAGL 93.3 PG< 8 kW, 371 ft, XG: 33-16-16 / 92-39-17  
Little Rock: KABZ 103.7 drops Don Imus  
Mtn Home: KCMH 91.5 PG> 26 kW (v), 472 ft.  
Osceola: KQDD 107.3 CC (ex KOSE)

### CALIFORNIA:

Alturas: KALT 106.5 LC  
Clovis: KZFO 92.1 PG> 45 kW, 518 ft, XC: 37-07-40 / 119-40-38, CL from Madera  
Coalinga: KLVK 88.3 CC (ex KAZB), FC to K-Love c. Christian (&)  
Compton: KJLH 102.3 PG> 5.6 kW  
King City: KDRH 91.3 CC (ex KBAP)  
Kingsburg: KFYE 106.3 CC (ex KLVK)  
Lompoc: KRQZ 91.5 LC  
Lompoc: KBOX 104.1 PG< 3850w, 823 ft, XG: 34-44-20 / 120-26-41  
Orcutt: KPAT 95.7 inc. to 882 ft.  
Santa Cruz: KJOL 90.7 CC (ex KLSN)  
Santa Ynez: \*NS 105.9 LC  
Shafter: KRME 97.7 LC  
S. Lake Tahoe: KNVQ 102.9 CC (ex KZZF) "Q102"  
Tehachapi: KKZQ 100.1 LC  
Ukiah: KWNE 94.5 PG> 2.2 kW, 1965 ft.

### COLORADO:

Canon City: KTLCL 89.1 LC  
Delta: KVOD 103.3 CC (ex KPRU)  
Glenwood Springs: KLXV 91.9 CC (ex KDRH) "K-Love"  
Grand Junction: KLFV 90.3 CC (ex KJOL) "K-Love"  
Limon: KAVD 103.1 LC  
La Junta: KKIK 106.5 LC  
Meeker: KAYW 98.1 LC  
Morrison: KLDV 91.1 CC (ex KWBI) "K-Love"  
Yuma: KNEC 100.9 FC to JRN soft AC (&)

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February 2001

### FLORIDA:

Cedar Key: WRGO 102.7 PG< 12.5 kW, 459 ft, XC: 29-11-45 / 82-59-46  
Naples: WBGY 88.1 LC  
Sebastian: WBKM 95.9 inc. to 289 ft., XG: 27-49-05 / 80-37-18  
Tampa: WWRM 94.9 SG "Magic 94.9"  
Titusville: WNUE 98.1 FC to Spanish hits (Orlando)  
W. Palm Beach: WRLX 92.1 FC to modern rock "Planet"

### GEORGIA:

Atlanta: WVEE 103.3 dec. to 1017 ft.  
Macon: WAYS 105.3 CC (ex WDEN), FC to country  
Macon: WDEN 99.1 CC (ex WAYS), FC to CHR  
Roswell: WAMJ 107.5 FC to urban AC (Atlanta)  
Toccoa: WNGC 106.1 inc. to 981 ft, XG: 34-22-40 / 83-39-25

### HAWAII:

Hilo: KHWI 92.7 PG> 9 kW, C3, -256 ft, XC: 19-50-19 / 155-06-43  
Honolulu: KQMQ 93.1 FC to 80's dance hits "the Q"  
Honolulu: KAHK 105.9 SG "Lava Rock", A/C  
Honolulu: KUMU 94.7 inc. to 79 ft.  
Kalaheo: KTOH 99.9 FC to a/c  
Kapaa: KITH 98.9 adds travel info to format

### IDAHO:

Boise: KIZN 92.3 PG> 48 kW, 2716 ft., XG: 43-45-21 / 116-05-54  
Boise: KQFC 97.9 PG> 48 kW, 2716 ft., XG: 43-45-21 / 116-05-54  
Gooding: KIJZ 100.7 CC (ex KMXM) "Smooth Jazz 100.7"  
Idaho Falls: KOSZ 105.5 FC to 80's hits "Live 105"  
Mtn Home: KTPZ 99.1 FC to 80's "The Point"  
Nampa: KKGL 96.9 PG> 48 kW, 2716 ft., XG: 43-45-21 / 116-05-54  
New Plymouth: KZMG 93.1 PG> 48 kW, 2716 ft., XG: 43-45-21 / 116-05-54  
Wallace: KQWK 97.5 LC

### ILLINOIS:

Aurora: WLEY 107.9 PG< 10.5 kW, 440 ft, ND, XC: 41-51-30 / 87-57-16  
Carbondale: WCIL 101.5 PG< 28.5 kW, 653 ft, XC: 37-42-04 / 89-22-18  
Chicago: WUBT 103.5 rumoured to switch to Top 40, see below  
Freeport: WPFS 92.1 PG> 3.6 kW, 423ft, XC: 42-19-41 / 89-43-30  
Galesburg: WLSR 92.7 PG> 4.2 kW, 390 ft, XG: 40-56-34 / 90-20-39  
Genoa: WOXM 106.3 NW, standards // WSQR (&)  
Highland Park: WXXY 103.1 FC to Spanish-CHR in Feb. (Chicago)  
Marshall: WMMC 105.9 inc. to 328 ft.  
Morris: WYXX 103.1 FC to Spanish-CHR // WXXY-FM in Feb. (Chicago)  
Quincy: WQCY 103.9 XC: 39-58-00 / 91-16-59  
Springfield: WSCT 90.5 PG> 3.8 kW, 410 ft, XC: 39-38-38 / 89-30-51  
Streator: WSTQ 97.7 PG> 6 kW

### INDIANA:

Chesterton: WAJW 89.5 LC  
Franklin: WPZZ 95.9 FC to talk (Indianapolis)  
Salem: WZKF 98.9 CC (ex WZTR), FC to CHR "Kiss 98.9" (Louisville)

### KANSAS:

Hays: \*NS 91.7 1250w, 246 ft.  
Haysville: KFBZ 105.3 CC (ex KWCY) "The Buzz"  
Ingalls: KBGU 96.3 dec. to 699', XG: 37-56-29 / 100-18-44  
Pratt: KDBG 93.1 dec. to 1004 ft, XG: 37-55-50 / 98-19-04  
Salina: KCVS 91.7 QC from 90.7, now C2, 11.5 kW, 748 ft, XC: 38-39-58 / 97-41-30

### KENTUCKY:

Fort Knox: WLK 105.5 PG< 3.2 kW, 456 ft.  
Glasgow: WOVO 105.3 FC to CHR  
Louisville: WPTI 103.9 CC (ex WPTO) "The Point"  
Manchester: WWLT 103.1 adds K-Love cont. Christian (&)  
McDaniels: WBFI 91.5 inc. to 328 ft.  
Wilmore: WVRB 95.3 PG< 4.1 kW, 397 ft, DA, XG: 37-57-37 / 84-32-42, adds K-Love c. Christian (&) (Lexington)

### LOUISIANA:

Hammond: WBBE 103.3 FC to gold based AC "B103", CC (ex WCAC)  
Jonesville: KTYX 105.1 LC  
LaPlace: WCKW 92.3 FC to 80's "The Point"

### MAINE:

Presque Isle: WMEM 106.1 dec. to 1073 ft.  
Searsport: WBYA 101.7 FC to classic rock "The Fox" (Bangor)  
Skowhegan: WHQO 107.9 FC to CHR "The Party"

### MARYLAND:

Pocomoke City: WZJZ 92.5 NW, JRN smooth jazz (&) // WQJZ (Salisbury)  
Williamsport: WLTF 95.9 FC to soft AC CC (ex WYII) (Hagerstown)

### MASSACHUSETTS:

Newburyport: \*NS 91.7 400w(v), 354', DA (U-Mass)  
Truro: WCDJ 102.3 LC

### MICHIGAN:

Charlotte: WVIC 92.7 FC to sports "The Ticket"  
Gladstone: WGKL 105.5 PG> 10 kW, C3  
Imlay City: WHYT 89.1 NW, cont. Christian  
Lakeview: WSCG 106.3 FC to talk (Michigan Talk Network)  
Lansing: WLNZ 89.7 PG> 420w (v)  
Mackinaw City: WDQV 88.5 NW, cont. Christian  
Royal Oak: W208BB 89.5 NS-2w(v), KAWZ  
Traverse City: WICA 91.5 LC





**MINNESOTA:**

Brainerd: WJJY 106.7 inc. to 558 ft.  
 Fergus Falls: K202DL 88.3 NS-27w: WJFM  
 Little Falls: KFML 94.1 PC< 6 kW  
 Nisswa: KBPQ 93.3 dec. to 558 ft, XG: 46-26-34 / 94-22-55  
 Winona: KHME 101.5 PC< 5 kW, 741 ft, DA, XG: 44-04-26 / 91-34-38

**MISSISSIPPI:**

Water Valley: WTNM 105.5 PC< 4.7 kW, 371 ft.

**MISSOURI:**

Birch Tree: KBMV 107.1 RA with Hot AC  
 Hannibal: KGRC 92.9 inc. to 502 ft.  
 Thayer: KSAR 92.3 LC

**NEVADA:**

Boulder City: KSTJ 105.5 QG to 102.7, class C, PG> 96 kW, 1978', ND, XG: 35-56-46 / 115-02-34 (Las Vegas)  
 Indian Springs: KPXC 99.3 NW, country  
 Moapa Valley: KBHQ 104.7 LC  
 Reno: KDOT 104.5 adds Rob, Arnie, & Dawn (from co-owned KISW Seattle)

**NEW HAMPSHIRE:**

Lancaster: WXXS 102.3 PC> 1.5 kW, 964 ft.  
 Walpole: WLPL 96.3 LC

**NEW MEXICO:**

Albuquerque: KRQS 101.3 FC to smooth jazz  
 Los Alamos: KKPL 106.7 CC (ex KBOM), FC to adult alternative (Albuquerque) "The Planet"  
 Las Cruces: KHQT 103.1 CC (ex KXDA), FC to CHR "Hot 103"  
 Las Vegas: KMDZ 96.7 LC  
 Raton: KBKZ 96.5 LC  
 Reserve: KNMA 104.5 LC  
 Santa Fe: KMMG 95.5 PC< 17.5 kW  
 Santa Fe: KBOM 94.7 CC (x KZXA) FC to oldies (&)  
 Truth or Consequences: KKVS 98.7 CC (ex



SANTA FE'S GOOD TIME OLDIES STATION  
 KSMN), FC to AC - oldies

**NEW YORK:**

Argyle: WNGN 91.9 PC> 2 kW, DA  
 Arlington: WRRB 96.9 PC<310w, 1006 ft.  
 Binghamton: WIFF 90.1 CC (ex WJIK)  
 Ellenville: WTHN 99.3 FC to CHR // WCTJ, "Kiss FM" (Middletown)  
 Glens Falls: WCQL 95.9 PG> 410w  
 New York: WFUV-1 90.7 NS-925w  
 Phoenix: WZUN 102.1 SG "Sunny 102" CC (ex WRDS) (Syracuse)  
 Poughkeepsie: WPKF 96.1 FC to CHR "Kiss FM" CC (ex WCTJ)

**New York:**

Queensbury: WNYQ 105.7 PC< 1550w, 1273 ft, XG: 43-25-12 / 73-45-39  
 Seneca Falls: WLLW 99.3 PG> 5 kW, 358 ft, XG: 42-59-38 / 76-51-59  
 Windham: WRIP 97.9 XC: 41-17-06 / 74-15-52, CL from Jewett, NY

**NORTH CAROLINA:**

Boone: WASU 90.5 PC< 220w, 62 ft.  
 Charlotte: WNKS 95.1 XG: 35-21-44 / 81-09-19  
 High Point: WXRA 100.3 CC (ex WHSL), FC to rock  
 Eden: WXRA 94.5 FC to gold country "Country 94.5" (Greensboro)  
 Lexington: WTHZ 94.1 CC (ex WWGL), FC to 80's hits (Greensboro) "Hits 94"  
 Wrightsville Beach: WFXZ 93.7 LC

**OHIO:**

Berea: WBWC 88.3 PC> 5 kW, 256', DA  
 Harrison: WNLT 104.3 adds K-Love cont. Christian (&) (Cincinnati)  
 Lebanon: WAQZ 97.3 adds Howard Stern  
 Zanesville: WJIC 91.7 LC

**OKLAHOMA:**

Coalgate: KNOR 105.5 LC  
 Enid: KMMZ 96.9 now class C, 1500 ft, XG: 35-58-50 / 97-41-42  
 Marlow: KFXX 92.1 dec. to 390', XG: 34-42-35 / 98-03-00  
 Okmulgee: KTSO 94.1 CC (ex KCFM), FC to oldies (Tulsa)  
 Tahlequah: KEOK 101.7 PG> 25 kW, 285 ft, DA  
 Woodward: KAZY 95.9 NW, modern rock (&)

**OREGON:**

Astoria: KZNX 89.7 LC  
 Coos Bay: KOOS 94.9 FC to CD Country (&)  
 Lake Oswego: KKJZ 106.7 dec. to 1158 ft, XG: 45-30-57 / 122-43-52  
 Milton-Freewater: KLRP 88.5 LC

**PENNSYLVANIA:**

Carbondale: WBHD 94.3 CC (ex WCTP), FC to CHR // WBHT (Scranton)  
 Dallas: WBSX 93.7 CC (ex WBSD), FC to rock "93.7 X" (Scranton)  
 Franklin: WOXX 99.3 CC (ex WFRA)  
 Meadville: WGY 100.3 CC (ex WZPR)  
 Media: WPLY 100.3 PG< 17 kW, 863 ft, DA  
 Oil City: WGYI 98.5 CC (ex WOYL)  
 Saegertown: WHUZ 94.3 CC (ex WMDE) "The Z"

**RHODE ISLAND:**

Providence: WHJY 94.1 inc. to 456 ft.

**SOUTH CAROLINA:**

Moncks Corner: WCOO 105.3 QG to 105.5 - C2, PG> 50 kW, 436 ft, XG: 32-39-57 / 80-03-11, CL: Kiawah Island, SC

**SOUTH DAKOTA:**

Sioux Falls: KMXC 97.3 PC> 100 kW, 840 ft, XG: 43-43-46 / 97-05-10

**TENNESSEE:**

Maynardville: WASJ 88.3 LC  
 Oak Ridge: WOKI 100.3 LC  
 Sparta: WRKK 105.5 CC (ex WSMT), FC to classic rock "Rock 105" (Knoxville)  
 Trenton: WTNE 97.5 CC (ex WVEZ)  
 Tullahoma: WTML 91.5 NW, info & classical // WPLN 90.3 Nashville

**TEXAS:**

Arlington: KLTY 94.9 CC (ex KWRD)  
 Beeville: KVFM 91.3 NW, Spanish c. Christian // KUBR  
 Buda: KROX 101.5 PC< 12.5 kW, 843 ft, XG: 30-19-23 / 97-47-58, CL from Giddings, TX  
 Clifton: KWOW 103.3 QG to 104.1 - C2, PG> 16 kW, XG: 37-44-05 / 97-19-17  
 Dallas: KYNG 105.3 adds Howard Stern  
 Dallas: KRBV 100.3 shifting more mainstream  
 Dilley: KLMO 98.9 NW, Tejano  
 Gainesville: KTXQ 94.5 inc. to 1096 ft, XG: 33-37-37 / 96-57-34  
 Graham: KWQK 107.1 QG to 94.7, PG< 4.8 kW  
 Hereford: KJNZ 103.5 CC (ex KHFD)  
 Highland Village: KWRD 100.7 CC (ex KLTY) "The Word"  
 Kerville: KBAB 88.7 LC  
 Lorenzo: KKCL 98.1 PC< 36 kW, 574 ft, XG: 33-31-05 / 101-51-25  
 McKinney: KNTU 88.1 CL from Denton, TX  
 Pittsburg: KXAL 103.1 FC to Real Country (&)  
 Tahoka: KAMZ 95.3 CC (ex KAWD)  
 Tyler: KDOK 92.1 FC to standards  
 W. Odessa: KWBI 88.7 CC (ex KWRI)  
 Wichita Falls: KWFS 103.3 XG: 33-53-51 / 98-32-32

**UTAH:**

Park City: KCPW 91.9 PC> 120w, 2122 ft,

**VIRGINIA:**

Alberta: WAQD 103.1 LC  
 Cape Charles: WAZP 90.7 NW, K-Love cont. Christian (&) (Norfolk)  
 Front Royal: WDRV 95.3 CC (ex WFTR)  
 Mt. Jackson: WSIG 96.9 PG> 5.3 kW, 712 ft, XG: 38-41-40 / 78-49-29  
 Norfolk: WVKL 95.7 FC to urban AC "95.7 R&B"  
 White Stone: WNDJ 104.9 PC<2550, 479 ft, XG: 37-41-12 / 76-24-47

**WASHINGTON:**

Eatonville: KFNN 104.9 PC> 5.1 kW, 358 ft.  
 Port Angeles: K207DM 89.3 NS-75w: KLVN  
 Seattle: KISW 99.9 adds Rob, Arnie, and Dawn  
 Spokane: KEZE 96.9 PC> 8.2 kW, 1197', DA

**WEST VIRGINIA:**

New Martinsville: WETZ 103.9 PG< 2.5 kW, 502 ft, XG: 39-39-10 / 80-54-47  
 Pt. Pleasant: WPCN 88.1 LC

**WISCONSIN:**

Brookfield: WFMR 106.9 PC< 4.9 kW, 364', XG: 43-02-49 / 87-58-52 CC (ex WJMR)  
 Menomonee Falls: WJMR 98.3 CC (ex WFMR) SG "Jammin 98.3" (Milwaukee)  
 Three Lakes: WLSL 93.7 adds JRN oldies nights (&)

Wausaukee: WBZU 105.1 CC (ex WYZM) "Buzz"

**WYOMING:**

Albin: KKAU 107.3 LC  
 Cheyenne: KRRR 99.9 PG> 50 kW, 492 ft, C2, XG: 40-59-22 / 105-03-47  
 Gillette: KLWD 91.9 NW, religion // KAWZ

**PUERTO RICO:**

Ponce: WRIO 101.1 PG< 17 kW, -7 ft, XG: 17-58-52 / 66-36-51

**VIRGIN ISLANDS:**

Charlotte Amalie: WVGW 107.3 LC



CANADA

**BRITISH COLUMBIA:**

Hope: CKGO 1240 QG to 100.5, 157 w.  
 Vernon: CJIB 940 wants 107.5, 46 kW  
 Whistler: \*NS 88.5 50 watts, tourist info. Appl.

**MANITOBA:**

Headingley: \*NS 102.3 tourist info appl, 1 watt  
 Portage: \*NS 103.1 1 watt tourist appl.

**NORTHWEST TERRITORIES:**

Ft. Simpson: \*NS 98.1 44 watts, TIS, appl.

**ONTARIO:**

Iroquois Falls: \*NS 102.7 1.6 w // CHIM-FM  
 Kirkland Lake: \*NS 99.1 1.6 w // CHIM-FM  
 North Bay: CJTK-1 98.5 NW, cont. Christian // CJTK  
 Orangeville: CIDC 103.5 PC< 30.7 kW, XC  
 Owen Sound: \*NS 95.7 31.6 kW country stn appl.  
 Sherburne: \*NS 102.5 2.6 kW appl // CBLA-FM  
 Timmins: CHIM may NOT air commercials

**QUÉBEC:**

Dolbeau-Mistassini: \*NS 89.9 250w native appl.  
 Lac-Mégantic: CKFL 1400 QG to 106.7, 4250w  
 Val d'Or: \*NS 92.5 50w, app // CHUT-FM

**PIRATE WATCH:**

• According to *M Street Journal*, there are a number of pirates in the San Francisco / Bay area of California (source: *San Francisco Chronicle*). These include Liberation Radio (97.3), Berkeley Liberation Radio (104.1), and ...continued on page 30→





## A U.S. Television Chronology (part three)

(Reprinted and edited, with permission, from data assembled by Jeff Miller. This and other historic broadcast-related items can be found at <http://members.aol.com/jeff560/jeff.html>.)

*(This timeline of U. S. television broadcasting history is a work in progress. If you can suggest any improvements in this list, please send them to: <JeffM@sanctum.com>.)*

Dec. 7, 1930. W1XAV Boston broadcasts a video portion of a CBS radio program, The Fox Trappers orchestra program, sponsored by I. J. Fox Furriers. Included was what is sometimes called the first television commercial, which was prohibited by FRC regulations. [However, Donna Halper reports that as early as 1928 W1XAY in Lexington Mass. simulcast one hour of WLEX radio daily, and there is a mention of commercials in that hour. She also reports that Big Brother Bob Emery made an appearance on W1XAV, as did several other Boston area announcers, when W1XAV tried on a few occasions in 1930-31 to telecast a Boston radio station's programming. They first tried WEEI and then WNAC. The FRC took a dim view

of their attempts to telecast a network program, however, since there was no agreement yet about whether or not experimental TV stations could run network commercials, so the FRC advised them not to try it.]

1931. The following station is listed with a 1931 start date in the 1950 Broadcasting Yearbook: ch. 2, KTSL, Hollywood, CA

Feb. 24, 1931. New York Times article (p. 32) refers to daily television broadcasts which began the previous evening on W2XCD (De Forest) in Passaic.

Apr. 1931. W2XCR, Jenkins second station, moves from its original site in Jersey City to 655 Fifth Avenue in New York. The station now had 5000 watts power, and could broadcast 60-line pictures rather than 48-line pictures.

Apr. 26, 1931. Jenkins Television gives a public demonstration on W2XCR, beginning a regular schedule of four hours per day, which lasted into early 1932. Simulcast with WGBS radio.

May 1, 1931. The first marriage is broadcast on TV, on W2XCR New York.

July 21, 1931. W2XAB New York (CBS) begins broadcasting the first regular seven-day-per-week TV broadcasting schedule in the U. S., 28 hours per week with live pickups and a wide variety of programs. The first broadcast included Mayor James J. Walker, Kate Smith, and George Gershwin.

Sept. 4, 1931. W9XD (later WTMJ-TV) Milwaukee licensed. (The first application for a TV license was filed May 5, 1930.)

Oct. 1931. W1XG Boston (Shortwave and Television Laboratory). This was a VHF station with 30 watts. Chief Engineer was Hollis Baird; studios were at 70 Brookline Ave.

Oct. 18, 1931. British television pioneer John Logie Baird appears on WMCA radio to discuss a proposed television station to be operated jointly by his company and WMCA. (Radio Pictures Inc. objected to the proposed station since the applicant was a foreign organization, and the FRC denied the application.)

Oct. 30, 1931. NBC puts a TV transmitter atop the Empire State Building. The first experimental TV broadcast from that New York City landmark was on Dec. 22, 1931.

1932. RCA demonstrates an all-electronic television system, originally with 120 lines.

Aug. 7, 1932. New York Times article describes reception reports received by W2XAB.

Nov. 8, 1932. CBS TV reports on the presidential election. Program consisted of commentary, return charts, still cartoons of politicians.

Jan. 23, 1933. W9XAL Kansas City first day of broadcasting. [Journal-Post News Flashes with John Cameron Swayze begin the following day at 12:00 p.m. as a daily program simulcast on KMBC radio.]

Jan. 25, 1933. W9XK Iowa City, Iowa, begins mechanical TV broadcasts, with sound on its radio station WSUI. The program included a brief overview of the University of Iowa, a musical number, and a drama sketch. W9XK was the first educational station with regularly scheduled programs.

Feb. 20, 1933. CBS suspends television broadcasts.

Mar. 10, 1933. W6XAO (later KTSL, for Thomas S. Lee, then KNXT and KCBS-TV) Los Angeles begins full-scale broadcasting. An earthquake struck Los

Angeles the same day, and films of the damage were broadcast the next day. (W6XAO was the first broadcasting station to show a current full-length motion picture, "The Crooked Circle".) According to Broadcasting magazine, W6XAO started Oct. 4, 1939 and the call was changed to KTSL in 1949 and KNXT in 1951. Another source gives May 6, 1948, as the start date for KTSL.

June 27, 1934. W1XAV Boston is discontinued. The FCC told Shortwave and Television Laboratory that the world didn't need two mechanical TV stations. One license was accepted, the other was denied, effective 13 July 1934. At this point Shortwave and Television changed its name to General Television Corp. and switched from a mechanical to an electronic system.

Dec. 1934. Philo Farnsworth demonstrates a non-mechanical television system.

1935. (Mid 1935) W1XG Boston changes from a mechanical to an electronic system.

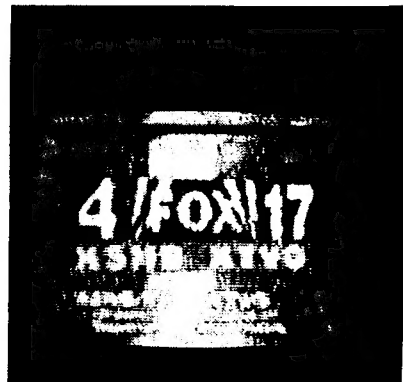
April-May 1935. Short Wave Listener Magazine for April-May 1935 lists 27 television stations of varying types scattered across a wide range of spectrum ranging from 2000 kc. to 86,000 kc.

June 29, 1936. 343-line TV transmitted from the Empire State Building on W2XBS, the first high-definition television.

July 7, 1936. NBC's first attempt at actual programming after 6 years of tests: a 30-minute variety show strictly for RCA licensees, speeches, dance ensemble, monologue, vocal numbers, and film clips.

*(This extensive chronicle of the beginnings of television will continue next month here in "TV TIME TUNNEL".)*

Please note my new e-mail address! This month we get back to the king of Mexican E-skip, Danny Oglethorpe in Shreveport, LA. Danny provides us with more of those rare Mexican ID's, as well as one of the first photos taken of new KBEJ-2, Fredericksburg, TX.



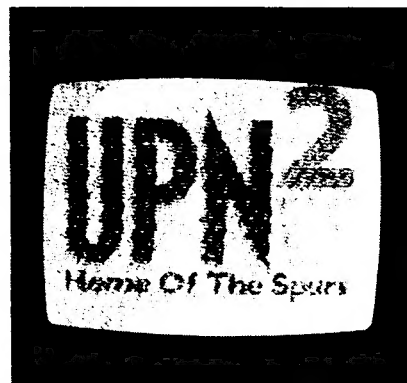
KSNB-4 Superior, NE  
578 mi Es seen 5/4/00  
@2145 CT  
ID w/KTVG-17 Grand Island



KFQX-4 Grand Junction, CO  
949 mi Es seen 5/28/00  
@1700 CT



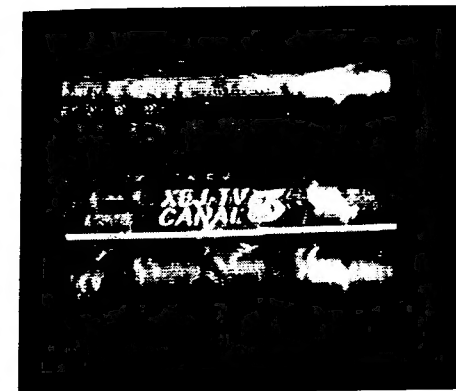
KTIV-4 Sioux City, IA  
712 mi Es seen 6/7/00  
@1135 CT



KBEJ-2 Fredericksburg, TX  
335 mi Tr seen 8/21/00  
@0630 CT



Unid-4 Televisa Veracruz  
seen 6/12/00  
@1025 CT  
"// XHAI-9 Las Lajas"



XEJ-5 Cd. Juarez, CHIH  
746 mi Es seen 7/6/00  
@1100 CT



XHAJ-5 Las Lajas, VER  
930 mi Es seen 7/9/00  
@1525 CT



KAMR-4 Amarillo, TX  
501 mi Es seen 7/24/00  
@0725 CT  
"Short hop!"

73's,

Jeff



## Bob Seybold, Master DXer

Bob talks about himself, the hobby and some of his favorite DX moments.

My Dxing days started way back in 1950. Living at home at the time with my parents, all we had was a channel 4 and channel 12 yagi with a hi-low coupler and a Stromberg-Carlson television.

I began to notice considerable E skip on channels 2 and 3 and high band signals from Toledo-13 and Michigan and Ohio signals. This got me interested. Houston 2 was in often on skip, also Denver 2 and other Texas signals. Soon I decided to put up a crank-up tower on the lower roof with a total height of about 70 feet. I installed a rotor with a low band yagi (2-6) and another 7-13 yagi and UHF separate.

Then I began to see a lot, including a lot of meteor scatter. About 0500 I would rise to catch early sign-ons and test patterns. With many open channels I would see Chicago, Green Bay, Iowa, Palm Beach, Raleigh and many others bursting in and out. On tropo I started seeing Louisville, Columbus, Dayton, Cincinnati and Chicago often. Later on I tried various boosters with Blonder Tongue giving me the best results. I was then able to see UHF from Indiana, Illinois, Michigan, Kentucky and West Virginia often. The best logging was WEEK-43 and low power stations at the time from Peoria.

Not long after I decided to have a set-up in Arkwright Hills (1850 ft up). I had relatives living up there and they allowed me to have a set-up there in an abandoned farm. Amazing results came about. A friend, Art Collins, started coming out from Buffalo on his vacations and a set-up close by also in the hills. Tropo were super with daily signals from Chicago, Minneapolis, Indiana and many other points. Perfect signals at 400 miles or more were common. Chicago-9 was in every day.

One morning I remember was when I went up there to check in with Art Collins. He had his tripod and camera all set up. On this occasion we saw WHO-13 Iowa sign-on with a perfect picture at 700 miles and a half hour later here comes WREX-13 Rockford clearing WHO-13 out with a perfect picture. Soon comes Cadillac-13 which wiped out WREX-13. Finally, Toledo-13 signed on and that ended that.

On some occasions we saw WTCN-11 Minneapolis and others. Of course E skip was not that great in the hills due to extremely strong signals on the low band. Because of that, my E skip was confined to low band at my home.

For years I was active in the AIPA serving various positions including printing bulletins. I held several conventions with fond memories of all. I also attended a number of conventions in various locations.

One convention I remember was one in Tennessee when this opening into Texas occurred. Another was coming back from the convention in Illinois and having a small Zenith AC/DC TV in the car with a 4 bay bowtie. I'd stop now and then to see what was coming in. I started seeing Topeka-27 and others all the way home and when I got home at 0200, Topeka-27 was still there in perfect at 1000 miles. They had an ad saying to watch a movie at 3:30pm. Thirteen hours later I watched that movie.

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Other highlights over the years included May 17, 1957 when I saw Sao Paulo, Brazil at 7:00pm. Double hops into California, Oregon, Washington also rank up there along with Alaska and Vancouver. Probably the greatest was a Thanksgiving opening which was witnessed by many DXers. That was the greatest tropo opening I ever saw. The highlight of that opening was channel 51 in Texas where I called the station and a lady answered and I heard her shouting that someone in Dunkirk, NY was seeing them. A few hours later the chief engineer called me. Other memories included seeing Houston-26 sign on for the first time, seeing Jacksonville, Illinois-14 testing for the first time, and seeing a Christmas tropo opening one month after the famous Thanksgiving opening which netted signals from Texas.

For many years (38) I was a TV and antenna repairman. This job aided me a lot in logging many of the stations as I had access to televisions. I even saw E skip while repairing TVs in customers' homes. I remember one Saturday morning I was in a customer's home with a big antenna in a tough location for locals when I witnessed a huge E skip opening into Texas. I saw at least 15 signals in 45 minutes at this spot. The customer was not home.

Today I really miss going to the hills and Dxing. Channel 26 in Jamestown is now at one of my favorite spots and also the people who lived there died recently. I really don't have much of a set-up now where I live. This location now puts me closer to Buffalo and I have to battle their signals. This location favors the east better than before, but it's not so good to the west. However, Erie, PA is weaker here so I can get through them easily. I do well into Canada and Michigan and Toledo.

My interest is still there. I had a good E skip season this past summer. The problem here now, using an amp, is channel 26 Jamestown 8 miles away. There is a lot of overload and spillover. Without an amp I do better. Maybe someday soon I'll have two systems, one with an amp and one without.

I am part time retired but I am kept busy running a greenhouse business and a fresh vegetable and fruit stand both on a small scale. Last summer I had a TV in the greenhouse or outside on a picnic table to keep close watch.

I live at home with one son and two grandsons. I will be 68 years old in February 2001. My health is excellent and I am very active. I do not travel much though. My wife died eight years ago. The only hills Dxing I do now is FM with my car now and then, traveling around up there. However, the band is so loaded that it is difficult to hear new stuff. I can still tell when an opening is about to take place. I feel quite fortunate that I was able to log as many stations over the years as I did. I never really had a super antenna set-up but the location helped, also knowing when to watch, and the great hills where I Dxed a lot and all the years when I repaired TVs and had a TV in front of me much of the time. I often wonder how much more I would have seen with a bigger installation. I am always happy to be a part of DX clubs and all the fine people I met over the years.

Even though the days of open channels are long gone I still get excited when an opening appears...it is just more of a challenge. With all the new changes coming about Dxing should be very interesting and a real challenge. 73s. Bob Seybold.

### Anyone looking for UHF or VHF HIGHBAND TRAPS?

I have access to discontinued models of C.M. HI-Q TRAPS. These are indoor models, very rugged. UHF MODEL #7206 and VHF HIGH MODEL #7009.

UHF attenuation of unwanted -40DB.

VHF HIGH attenuation of unwanted -60 DB

Insertion loss 0.5 on either

ORIGINAL RETAIL ON THESE WAS ALMOST \$100.00

I am selling either model for \$ 60.00 PLUS UPS

If interested in any of these, please get in touch with me at

716-433-0805- OR 716-434-5086

Or email me, Rich Wertman, at [rwantenna@aol.com](mailto:rwantenna@aol.com)

# Eastern TV-DX

**Matthew C. Sittel**  
15013 Eureux Circle  
Bellevue, NE 68123  
mcsittel@home.com  
Deadline: last day of month

February 2001

Eastern TV-DX is for reporters from the following states. AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Foreign reports are also welcome!

First off, please note my new e-mail address. All submissions for ETVDX should go to that address, not the old Compuserve one, as I should have discontinued that account by the time this is in print. I've got a cable modem and now can enjoy quick connections like others, plus file attachments are much easier to deal with. So feel free to send your report in a Word attachment or text in Notepad or something similar if you'd like.

On to the reports... but I should note that there was skip noted on January 9 by New England DXers (and by me) that isn't reported here. Hopefully we'll have some reports of that soon.

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071

jimayers@radiounique.com

Equipment: Panasonic 19" TV, Channel Master Quantum 1110 VHF at 30 ft., Antennacraft P-7 UHF dish with Winegard PA-4975 preamp at 38 ft. (feedpoint), Alliance HD-73 rotor, RG-8 coax, Hi-Q traps.

12/15	tr		
0200	WGMB-44	LA Baton Rouge	482
0206	KTML-48	TX Galveston	716
0213	WVLA-33	LA Baton Rouge	482
0219	WHLT-22	MS Hattiesburg	340
0230	WGBC-30	MS Meridian	281
	AC 601 on screen during preaching pgm. matching Yahoo TV listings. Local off.		
0233	KPLC-7	LA Lake Charles	569
	"Tonight Show" on. Not WJHG, WDAM off air.		

0310	<u>KLAX-31</u>	LA Alexandria	511
	"31 LAX"		
0326	<u>WMPN-29</u>	MS Jackson	376
	program	matched website listing	
0348	<u>KLPA-25</u>	LA Alexandria	511
	program	matched LPB website	
		listing, did NOT match GPTV/APT	
0407	<u>WIIQ-41</u>	AL Demopolis, rare	237
1059	<u>WMAO-23</u>	MS Greenwood, ETV	366
1130	<u>WMAE-12</u>	MS Booneville	264
	program	schedule listings	
		matched website	

Up sick in the middle of the night. Never expected an opening like this in December. May have been at its peak with Houston when I joined in at 0200. Only got shorter after that. Logged nearly as many new this date (8) as during the entire year preceding (11). Tornado watch next day followed by surprise snow probably not coincidental (I concur; the massive influx of warm, moist air helped-the areas you saw were largely under the same unseasonably mild air mass. Luckily you didn't have any storms or tornadoes.-mcs)

Saul Chernos, 57 Berkeley St., Toronto, ON M5A 2W5 Canada (416) 364-0725

schernos@sympatico.ca

11/2 tr (Scarborough Bluffs)  
0227 WBXO-LP-15 NY Rochester  
"The Box"  
0247 W30AJ-30 NY Syracuse

This rounds out a generally mediocre year 2000 for TV DX. I should fare well on Es this coming season because I have two mini-TVs that I will have the video turned on, which I DX my main gig, FM. I also will have them for a full season of mobile tropo hunting. Having portable TVs turned out to be a blessing on some outings this season when TV was way better than FM. November 2 was a disappointment. The really good conditions were to Cleveland, OH and I have gone to a site 45 minutes away, but forgot the cigarette lighter adapter. I returned home to fetch it but was too tired to drive all the way, so settled on the less-prosperous Bluffs. Serves me right! 73s, Saul.

Eastern TV-DX, February 2001

page 2

Tom Yingling, Baltimore, MD

Here is some good tropo I got in September. I was surprised just how well the digital channels come in when the conditions are at their best. The New York City stations were amazing! I was getting stations right next to local channel stations. TV was Sony 8" color. Channel Master 6' dish, BT preamp CMA-ub. For the digital channels I use my Gateway 800MHz computer with the Happauge WIN-TV-D card

9/7 tr			
2330	WNAC-64	RI Providence	326
	WPVI-DT-64	PA Philadelphia	85
	WFXT-25	MA Boston	
	KYW-DT-26	PA Philadelphia	85
	WBPT-43	CT Bridgeport, HSN	
	WEDW-49	CT Bridgeport, CPTV	
	WRNN-62	NY Kingston, HSN	
2345	WNEW-DT-44	NY New York	
	WGBX-44	MA Boston	
	WVIA-44	PA Scranton	
	WNJB-58	NJ New Brunswick	

9/8 tr				
0000	WLIG-55	NY	Riverhead	
	WGGB-40	MA	Springfield	
1730	WPXV-49	VA	Norfolk, PAX	
1800	WHTJ-41	VA	Charlottesville	
	W63AS-63	??	America's Store/HSN	
	WNPX-60	WV	Martinsburg, PAX	

	WPVI-DT-64	PA	Philadelphia	85
	WHRO-15	VA	Hampton, PBS	
	WLXI-61	NC	Greensboro, TBN	
1900	WTIC-61	CT	Hartford	
	WHSE-68	NJ	Newark	
	W40AZ-40	DE	Wilmington, TBN	
	WYBE-35	PA	Philadelphia	86
	W25AW-25	NJ	Trenton, AllNx Net	
2100	WHP-21	PA	Harrisburg	
	WFXQ-69	RI	Block Island	290
2200	WNEW-DT-44	NY	New York	167
	KYW-DT-26	PA	Philadelphia	85
	WCBS-DT-56	NY	New York	167
	WNJU-47	NJ	Linden	
	WNJM-50	NJ	Montclair	
	WVIT-30	CT	New Britain	
2300	WFSB-DT-33	CT	Hartford	260
	WXTV-LP-28	PA	Philadelphia	85
	WHYY-DT-55	DE	Wilmington	86

My trip to England, Wales and Scotland was March 10-18, 2000. We had a guided bus trip around the UK. We traveled over 1,050 miles. We stopped in various cities overnight at hotels. In looking over my own notes, I gather TV DX was not well planned for or had time for. I didn't have time to check out the TV DX at all the cities we stayed at. Other DX was on a Sony Walkman for FM radio. When I had time to DX, I used an ICOM R-2 pocket communications receiver for my main receiver. The antenna was a rubber ducky. I didn't write down the brand names of TV in the hotel rooms; they were brand names I never heard of before. All was on cable anyway. Why bother, none of the TV stations I watched ever gave call sign, or city location of station They only give the network name as ID.

Below is a listing of TV channels received based on audio frequency only on the Icom. The hotel's TV channels were only the main networks (BBC1, BBC2, BBC3, TV4, TV5 Euro, CNN World News, etc. and no Weather Channel or Cartoon Network, being nothing like the cable TV we have, that is what the hotels had; maybe they do have them!). There were no independent stations, all were network programming. There were very few cable channels programmed into the TVs; the most seen were 6 channels. So my DX reported below does reflect what I saw on the hotel cable TV. In fact the cable TV in the small towns they call Sky TV, being some version of Direct-TV that we have the mini-dish antennas for.

All TV is on UHF channels. I had to do a check with the frequency to what channel is the nearest match. The station's true location city will be hard to figure out. I have a list, but still no idea of which city the channel would be close to. The list is on the web, but the transmitter location city may be different than the larger city they cover. If anyone can help, please do.

March 10/11, 2000 West London/Hammersmith, England @ Novotel London Hotel  
Channels 23, 24, 33, 41, 56, 57

**March 12/13, 2000 Bath-Avon, Wales @ Hilton Bath Hotel**  
**Channels 32, 40, 42, 44, 46, 51, 53, 54, 57**

March 15/16, 2000    Edinburgh, Scotland @ Mount Royal Hotel  
Channels 21, 24, 25, 27, 31, 37, 40, 50, 54

That's all for this month... got any DX to share? Drop me a line so I can share it with everyone!

73s Matt.

# WESTERN TV-DX

February 2001

Victor Frank  
12450 Skyline Blvd.  
Woodside, CA 94062-4554  
e-mail frank@horizon.sri.com  
(650)851-7031

Danny Oglethorpe, P.O. Box 17452, Shreveport, LA 71138-0452

Email: doglethorpe@yahoo.com

Tropo: No relogs under 400 miles; no LPTV relogs under 200 miles.

September 2000 UTC

1 tr	1400	Valley 9, 17, 23, 44, 48	500+
	1420	KBSI 23MO Cape Girardeau	416
2 tr	1030	Valley 17, 23	
	Es 1825	WTTV 4 IN Bloomington	731
	1835	Detroit 2, 4	904
	1930	KNAZ 2 AZ Flagstaff	1045
	2315	KUTV 2 UT Salt Lake	1160
3 Es	0315	KWGN 2 CO Denver	806
	1655	WBBM 2 IL Chicago	737
	1745	WBAY 2 WI Green Bay	892
5 tr	1030	KMBC 9 MO Kansas City	464
13Es	1155	KGAN 2 IA Cedar Rapids; brief	672
14Es	2210	WBAY 2 WI Green Bay; brief	892
	2228	KGAN 2 IA Cedar Rapids; brief	672
17Es	1335	Juarez CHIH/El Paso TX 2, 4, 5	746
18Es	1228	XHQRO 2 QROO Cancun; ID	891
	1238	XHY 2 YUC Merida (Note # 1)	830
	1310	XHTAU 2 TAM Tampico; Local ad	747
	1350	XHG 4 JAL Guadalajara	1003
	1445	XHFM 2 VER Veracruz	930
	1500	XHBS 4 SIN Los Mochis;	
		Supered calls	1026
19tr	1230	Valley 17, 23	
	1235	XHMOY122NL Monterrey;	
		SS audio over KLTJ	
24Es	1617	WSB 2 GA Atlanta; brief	551

Note # 1--unID bars until 0800. Then s/on and local "Aqui en el 2". The Es opening from Mexico on the 18th was outstanding for off-season skip.

October 2000 UTC

5 Es	0045	WMAR 2 MD Baltimore	1072
	0140	Snow 2	
	0145	WGRZ 2 NY Buffalo	1091
16Es	1940	XHY 2 YUC Merida	830
17Es	0432	WPBT 2 FL Miami	939
18MS	1000	WDTN 2 OH Dayton	735
	1016	WBAY 2 WI Green Bay	892
20Es	0100	KNAZ 2 AZ Flagstaff	1045
	0350	WGRZ 2 NY	1091
	0351	Snow 2	
	0355	WJBK 2 MI Detroit	904
	0403	WCMH 4 OH Columbus	795
	0410	WDIV 4 MI Detroit	904
	0440	WBAY 2 WI	892
	1327	WBAY 2 WI	892
23Es	0425	CHBX 2 ON Sault St Marie	1098
20Es	0125	KNAZ 2 AZ	1045

November 2000 UTC

11tr	0105	WJSP 28GA Columbus; GPTV	512
	0120	Montgomery AL 20, 32	436
	0131	Atlanta GA area 8t, 17, 30, 34,	
		36, 46, 63, 69	550+
	0135	WMGT 41GA Macon; NBC	
		Birmingham AL 13, 42	410
		WMAZ 13GA Macon	590
	0140	WCIQ 7 AL Mt Cheaha; APT	469
	0145	WGXA 24GA Macon; Local off	590
	0202	WCES 20GA Wrens; GPTV	663
	0207	WACS 25GA Dawson; GPTV	548
	0217	WPXH 44AL Gadsden; PAX	
	0235	WHNT 19AL Huntsville	444
	0246	WPXAT 14GA Rome; PAX	
		WHDF 15AL Florence; Rare	389
	0258	WTJP 60AL Gadsden	461
	0345	WTCE 22TN Cookeville	538
	0350	WNPX 28TN Crossville; PAX	557
	0355	WZTV 17TN Nashville; Local Nx	475
	0435	WJSU 40AL Anniston; 33/40	468
	0440	WTXL 27FL Tallahassee	577
14Es	1340	WJBK 2 MI	904
16Es	2300	WMAR 2 MD	1072
17Es	1628	XHFM 2 VER Veracruz	930
	1653	XHTV 4 DF	958
20Es	0216	KNAZ 2 AZ	1045
21Es	0345	unID 2 and unID 4 Northwest; Both CBS	
24Es	0028	WFMY 2 NC Greensboro	838
	0045	WUND 2 NC Columbia; UNC	1031
	0105	YSR 2 EI Salvador	1324
25Es	0040	KASA 2 NM Santa Fe	753
	0050	KNAZ 2 AZ	1045
	0115	XEPM 2 CHIH Juarez	746
	0225	KXMA 2 ND Dickinson	1110
	0250	KTVQ 2 MT Billings	1215
	0308	KGFE 2 ND Grand Forks; Prairie	1086
26Es	1558	WUND 2 NC	1031
		WUNC 4 NC Chapel Hill; // 2	875
		WYFF 4 SC Greenville	676

Comments: Pretty good number of Es IDs in October and November. The MS was also productive on the one morning that I checked. (Actually, I was looking for tropo when I noticed the MS bursts.)

The big news is the almost total absence of long-haul tropo (only one good opening). In fact, October and November 2000 were the worst October and November for tropo that I can recall. Both months traditionally bring good tropo from the east.

The Texas/Tamaulipas "Valley" stations, at 500 miles distance, generally make an appearance or two during a normal month, but not in October or November 2000.

## Western TV DX

Frank Merrill, P.O. Box 669, Macomb IL 61455

Equipment:

ICOM R-7000 (all-band VHF-UHF scanner) with video adaptor and/or Zenith 13-inch Model 1310 from late 70s. Winegard AC-9990 preamp for Winegard 8100? (predecessor to 8200) VHF-UHF antenna at 40 feet. Winegard VHF preamp for vertical-mount VHF antenna at 10 feet (used for Sporadic E). The Winegard 8100 is used for nearly all tropo, and some Es. All times Central

This report can indeed be considered quite tardy. It is now well known that the 2000 TV-DX season was one of the best DX seasons ever for those living on the prairies and plains of the American heartland. This seems to be true only to perhaps IL and WI to the east; feedback from DXers further east (IN, OH, etc.) seem to imply only a normal, or perhaps even substandard DX season in 2000. Indeed most of the best Es openings were from the West, here, and nearly all the good Tr openings were from the South around to the NW and NNW, or the Upper Peninsula of Michigan, with no really great OH or KY openings.

Editor note: more next month.

April 27, 2000 Es

0444-0511+ French QU 3 (MUF), 2

May 2, 2000 Es 1627 S. FL 2,4

May 3, 2000 Es

1749 XEFE 2 TA "very cool ID slide"

1751 X 3 Talk show: "My brother loves my husband"

1808 KUTV 2 UT

1900 KXMA 2 ND

1919 CKCK 2 SA

2027 CKAL 5 AB A Channel (MUF 95.9) 1346

2029 CKAL 2 AB

CFAC 2 AT "7"

2031 KWSE 4 ND

May 4, 2000 Es

2013-2356 KNAX, WMAB(!), KASA, XEPM, XHRIQ, XEFB on 2, KENW, WEDU, KFDX, KIII, XHPN on 3, KOB, KDFW, KGBT-4, XEJ-5

May 7, 2000 Es 2200 WPBT/WDIO-2

May 8, 2000 Tr

0430 TX 51,56

AR 38 (snowfree), 7, 11, 49

KS KSNW-3, KWCH-12

0445 OK 47, 44, 34

LA KARD-14

0500+ KXAN 36 TX 810

KSLA 12 LA 575

other TX 27, 42 (Austin), 11 (KTVT)

0600 OK City 9, 52

May 9, 2000 Es

1802 CKAL-1/CICT-2 AT unID CBC on 3

May 12, 2000 Es 1835 CBFT-2 QU

May 14, 2000 Es

2303-2349 KMOL 4 TX KENW, KBTX, KIII-3

May 24, 2000

Tr 0000 W34CK 34 IL ID WJYS 62 & 34 179

Es 1010 Cuba 2, 5 unknown offsets

1034-1154 FLs on 2, KIII-3, WWL-4, WPTV-5,

WCTV-6, WEDU-3, WDSU-6

1300-1500 WDIQ/WDBD/WFMY/WMAR-2

WWAY (new logo)/WTKR-3

WJXT/WRC-4 both scarce

2052 XHGV 4 W. TV/Mas' surprisingly strong 1466

May 25, 2000 Es 0813-0900 all S FLs & WESH-2

1330 WUND/WMAR-2

1930 KNAZ-2, WWL-4

2143 WBRZ-2, KATC-3

May 28, 2000 Es

1930 KPRC/WDIQ-2, WEDU-3, WWL-4

2000 WESH-2

May 30, 2000

Tr 0202 KWBT 19 OK constant WB "Bug", 413

alone later after WHOI off, other Tulsa U's & KTBO-14

Tr 0328 KOPX 62 OK with worship 508

Es 1147 WESH-2

2000 X 6 "TV Azteca 13" + another X

2102 XEFB 2

June 01, 2000 Tr

0145 WCLP 18 GA on top!

0218 WUNF 33 NC "UNC-TV" 3/4 CB

0228 W22 (or -LP) 22 KY Hopkinville, 301  
formerly ch 62

0230 Montgomery 26, 45 608

0240 unID 53 Pax or Worship

(probably Atlanta ID'ed in November 2000)

0346 W52BA 52 NC Black Mt. 564

0428 WUNE 17 NC these two "UNC-TV" 3/4 CB 565

0448 VA 47, 52

June 05, 2000 Es

1040-1250 KMID/WESH/WPBT-2

KACB/KTVK/KENW/WEDU-3

KWAB/KDBC-4 KUAT-6

1730 Denver 2,4

June 06, 2000 Es

2300 El Paso/Juarez 2, 4, 5 KENW-3

June 07, 2000

Es 1150-1300 KASA/KMID/XEPM-2

KENW-3 XEJ/KNME-5

KDBC/KAMR/KOB-4 KOCT-6

1800 XHY 2 YU

2015 KCSG 4 UT

Vegas 3, 5 (massive on FM)

Tr 2210 KOED 11 OK

OK City on 9, + four U's

June 08, 2000 Tr

0220 KFAA 51 AR

0315 KSHV 45 LA

Dallas 11, 21, 27

0400 KDFW 4 TX "rare" 644

0415 KVVV 57 TX 800

KXAM 14 TX 807

0511 KCLJ-LP 46 MO Joplin 311

(KNLJ-24; may be a relog)

0545 K36EA 36 AR Fayetteville, "KFDF" bug 357

0557 K45EI 45 AR Bentonville; 341

Rogers ad//end Red Skelton

0612 K61GJ 61 MO Aurora; KNLJ-24 291

0626 KPXJ 68 TX 644

0634 Fort Smith AR on 5 (RARE) and 40

0741 Houston 67 800

KATV 7 AR 420

# **Western TV DX** *Frank Merrill's report cont'd*

AR LPTV 60  
Es 0845 FLs on 2  
2315 CKAL/CICT-2  
June 09, 2000 Es  
0006 CKAL 5 AB (Calgary MUF 103.9)  
0050 CFCN 4 AB  
1800 CBAT 4  
WLBZ 2  
unID 2 "Super 7" (not CICT)  
1830 WCAX 3 VT  
June 10, 2000 Es  
1200 WESH/WPBT-2, WEDU-3, WFOR-4 (MUF 88.7)  
June 11, 2000 Es  
0348 WUND 2 NC "UNC-TV" 3/4 CB  
0720 WPBT-2, WFOR-4  
0742 WTVJ-6, WEDU-3 (MUF 97.7 Mexico 0943)  
"Mexicans on TV all day, had a deadline"  
1941 XEFB 2 NL  
June 13, 2000 Es more Mexico, still on deadline  
June 14, 2000 Es  
1043 XEFE 2 TA  
1101 XELN 4 CU call letters ID  
1200 WEDU 3 FL  
June 16, 2000 Es XELN-4, XEFE-2  
Es most of day, generally SW, still on deadline  
June 17, 2000 Es  
1900-2134 WPBT/KWGN/KNAZ/KASA-2  
WEDU/KTVS(!)/KTVK-3  
2141 KPHO 5 AZ CBS concurrent w/KDKB-93.3)  
June 20, 2000 Es  
1155 WESH 2 FL  
1900 XHY 2 YU  
June 21, 2000 Es  
1100 WESH 2 FL  
1730 XHY 2 YU  
2132 WEDU 3 FL  
2144 WPBT 2 FL  
June 22, 2000  
Tr 0404 K23DU 23 AR Harrison, TBN, z offset 320  
0505 KPOB 15, KODE-12 strong  
0900 KYPX 42 AR may already be logged 420  
Es 1804 KPRC 2 TX  
June 23, 2000/??? Es  
1200 WESH/KPRC-2  
???? XEPM/XEFB-2 during deadline, didn't log time  
June 24, 2000 Es  
0900 WTKR-3, WUND-2  
1310-1330 WEDU-3, WPTV-5 (MUF to 107.5, FL)  
1530 South TX on 3, 4, 5, 6  
1805 KBTB TX (rare, why?) 751  
June 25, 2000 Es  
0300 XELN 4 CU "unusual time for S Es."  
0731 South FL 2, 3, 4, 5  
0759 KPRC 2  
0814 KOCT 6, KENW-3  
0843 KUAT 6 3/4 CB ID  
0900 XEJ/KNME-5, KDBC-4  
0919 KOCO 5 OK new mode, former Tr 508  
0930 KOB 4  
0951 "Translator-type CCI" on 6

26

1000 KREG 3, KASA-2  
1300 KTVM 6, KGWL-5, KCWC-4  
1430 KIDK 3; Billings 2, 4, 6  
1558 KFBB 5  
June 26, 2000 Es  
0930 KMID/XEFB-2  
0940 KWAB 4  
0957 KOCT 6, KENW-3, El Paso areas  
1010 KIII 3  
1045 KVOA 4 (already 100° there, yecch)  
1200 KCSG 4 UT  
1706 KPRC 2  
2310 XEPM 2 again  
June 27, 2000 Es  
0300 WMAR 2 (fighting a CBS; WCBS?)  
0730 WTKR 3, WUND-2  
0753 WUNC 4 (assumed), WRAL-5  
0757 WFMY/WCDB-2  
1530 WPBT 2  
1631 Cuba 2+ offset  
1900 XEFE 2  
June 28, 2000 Es  
0120 WCBD 2  
0937 KNAZ 2  
1030 El Paso/Juarez 2, 4, 5; +KENW-3  
1100 KOCT 6  
1117 XEPM 2 with call letters  
last seen that way in late 80s?  
1130 KMID 2  
1315 KNAZ 2 with "12 News" assume fm KTAR  
1330 KASA 2  
June 29, 2000 Es  
1109 WKTV-2/WLBZ-2  
1910 WPBT-2/WEDU-3  
1931 unID 5 (see note 1)  
1944 Cuba 6- and Cuba 5z  
2013 X\_\_\_\_ 4 (definitely far eastern Mexico)  
June 30, 2000 Es  
1500 KTWO-2/KCWC-4, KGWL-5  
1808-1930 CKSA/CKAL-2/CICT-2  
CFRN-3 CFSK/CITL/CFN-4  
CKBI/KFBB-5 KSVI-6  
2000 KXLY 4  
KHQ 6 WA rare 1404  
2108 KWGN 2  
2335 KUTV 2  
2352 KPRC 2  
Note #1 (June 29, 1931)--This one's really strange! Quite weak, with neither WPTV nor WUFT coming in--station in English, running infomercials! Is there some kind of LPTV in SW FL or in the keys that does this sort of thing? I suspect Key West or Naples area, if so. This is, of course, during "prime time" in th east, and it was coming in only toward Florida. Possibly WOCX-LP Sebring 1.15 kw? Only other FL is 3ABN.

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for September 1999. Temps were still hot inland most of the time through the month.

# **Western TV DX** *Dennis Smith's report cont'd*

The marine layer (cool ocean air with associated boundary with hot dry air above) was intact most of the time except Sept 21-23 as noted below.

Sep 1-2: Very poor, deteriorating  
Sep 3: None  
Sep 3-5: [Out of town, in Wasco]  
Sep 5-6: None (Marine layer reported as deep; i.e., high boundary, 3000+ ft.)  
Sep 7: Very poor, improving (Perhaps shallower).  
Sep 8-9: Variably poor-fair.  
Sep 10: Poor, deteriorating  
Sep 11: None  
Sep 12-13: Variably poor-(fair)  
Sep 14: Poor, deteriorating  
Sep 15: Very poor  
Sep 16: Poor, deteriorating  
Sep 17-20 AM: Very poor (Very deep 3500-4000 ft.)  
Sep 20 eve-21 AM: Fair (Boundary rapidly lowered)  
Sep 21 eve-23: None (Backlash from Pacific Hurricane Hillary, some rain, layering blown away)  
Sep 24-26: Poor (Layer return but apparently high)  
Sep 27-28: Very poor, improving  
Sep 29-30: Variably poor (Some UHF fair-good morning of 29th).

New on the air: K23ES, Santa Barbara, testing Sept 17, All News Channel, 24 hours, Sept. 18.

Some left-overs: Three reports ago, Ch. 38 Santa Barbara (KJLA-57 Ventura translator, new June 15-16) erroneously gave call while testing as "K38DX" which is correct now in programming, ID as K38DK.

Info by Doug Smith indicates that my new Ch 3 of Aug 17 & 28 was tropo from XHTJB Tijuana (200 mi/315 km), a new network station of XEIPN-11 "ONCE TV" Mexico City, noncommercial cultural. Rather than by satellite, Doug notes that it could be tape distribution which does seem more likely. And, my apparent Ch. 64 mystery signal continues occasionally on tropo--a DT outlet?

While in Wasco Sep 3 eve to 5 morning, there was a little close-in tropo with KNSO-51 Merced (150 mi) very good morning of the 5th and KQJA-LP 68 Fresno (100 mi) up somewhat. There was no sign this time of Ch 16 Mas Musica TeVe (possibly K16CW Hanford at approx. 65 mi).

Best of DX to all.

Dennis

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO  
ac001984@acnet.net,  
FTD is furthest tropo of the day.  
TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'. 1800' ASL, No re-logs in the same month, only tropo 500+ miles.

December 2				
1600 KXTX	39 TX	Dallas		518
December 8				
0530 KADN	15 LA	Lafayette		586
KLPB	24 LA	Lafayette		567
KLTL	18 LA	Lake Charles		548
WVLA	33 LA	Baton Rouge		633
K69HD	69 LA	Church Point		586
0600 K46DG	46 LA	Lafayette		587
December 9				
1600 WLAE	32 LA	New Orleans		694
WPMI	15 AL	Mobile		838
1630 WNOL	38 LA	New Orleans		694
WPXL	49 LA	New Orleans		688
WHNO	20 LA	New Orleans		688
WMPV	21 AL	Mobile		842
1800 WGNB	26 LA	New Orleans		694
1830 WMAH	19 MS	Biloxi		770
K59DG	59 LA	New Orleans		688
2100 KLAX	31 LA	Alexandria		618
WUPL	54 LA	Slidell		705
2200 K30EM	30 LA	Houma		644
WEIQ	42 AL	Mobile		825
WLPN-LP	61 LA	New Orleans		688
December 10				
0600 KDTX	58 TX	Dallas		518
WPAN	53 FL	Fort Walton B.		869
0700 KWBT	19 OK	Muskogee		746
KWHB	47 OK	Tulsa		765
KLDT	55 TX	Lake Dallas		544
KSTR	49 TX	Irving		518
KFWD	52 TX	Fort Worth		522
0800 KAUT	43 OK	Oklahoma City		706
KSBI	52 OK	Oklahoma City		692
KOPX	62 OK	Oklahoma City		705
KJTL	18 TX	Wichita Falls		598
0830 KOKH	25 OK	Oklahoma City		703
WFSG	56 FL	Panama City		929
0900 KQOK	30 OK	Shawnee		687
0930 KDAF	33 TX	Dallas		518
KUVN-LP	31 TX	Fort Worth		521
1030 WHBR	33 FL	Pensacola		838
KPXD	68 TX	Arlington		518
KXAS-DT141	TX	Fort Worth		
1630 K56DR	56 LA	Baton Rouge		633
K66FI	66 LA	Opelousas		599
WLPB	27 LA	Baton Rouge		638
W50CF	50 AL	Mobile		817
1730 WMAU	17 MS	Bude		697
2030 KETK	56 TX	Jacksonville		532

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# Western TV DX F. Garcia's report cont'd

KFKX	51 TX	Longview	557
December 11			
0200 WAPT	16 MS	Jackson	754
unid ch 55 color bars, Abilene hdn, same bars			
still at 7 AM, KTAB-32 blasting in			
0230 WLTZ	38 GA	Columbus	1036
0300 WGBC	30 MS	Meridian	834
	WIIQ	41 AL	Demopolis 877
0530 WJSP	28 GA	Columbus	1057
0630 W47BP	47 MS	Hattiesburg	766
	WMDN	24 MS	Meridian 834
December 15			
1900 KDFI	27 TX	Dallas	518
December 16			
unid ch 65 north hdn			
unid ch 30 shopping en Español TX Gulf			
coast hdn			
December 17			
1830 WFTX	36 FL	Cape Coral	1142
	WSCV	51 FL	Fort Lauderdale 1242
	WBFS	33 FL	Miami 1242
	WBZL	39 FL	Miami 1243
1900 WTVK	46 FL	Naples	1153
	WAMI	69 FL	Hollywood 1242
	WLTW	23 FL	Miami 1242
	W58BU	58 FL	Hallandale 1243
	WHFT	45 FL	Miami 1244
2100 WTTA	38 FL	St. Petersburg	1116
	WBHS	50 FL	Tampa 1116
December 18			
0600 WBBH	20 FL	Fort Myers	1144

Not a bad December. Year 2000 was the second best considering the number of days with 1,000 miles tropo after 1998.

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455  
jkadet@macomb.com

## Equipment:

I just put up a new photo of the new improved Big Kahuna (vert. polarized CM1110) at  
<http://members.xoom.com/tvdxer/ANTENNAS.htm>

These listings were omitted last month.

August 2000 CDT/CST  
11 tr Tulsa & OKC UHF's plus AR, NE, SD, MN  
KAWB Brainard fighting w/K22CX Lincoln NE  
Ch. 22 is usually clear to the N/NW. Both KAWB and K22CX are rare here and both were in unusually well most of yesterday AM.

12 tr WEEK-25 on z-offset (537.252 MHz)  
xtr 30 NE, Norfolk w/KMEG  
xtr 60+ w/KSPT-5 (Frost or RW Falls?)  
Es 1839 Cuba 2+ TeleRebelle

## 1912 CKCK 2

The only way to ID Cubans seems to be by offset. I may need a ch. 2+; think I only have a 2z logged I guess that 67z with HSC to NNW is K67HG @339 mi in Twin Cities, but it was coming in a lot better than the ch. 69 3ABN at the same time.

13 tr	Atlanta	GA	578
	Birmingham	AL	528
	Hattiesburg	MS	636
		K67HG	Twin Cities
339		69	3ABN

16 tr Lowry, SD ch 56, 68  
KABY 9 Aberdeen over KCRG  
KDSD 16 over WTJR

Tropo is now up to eastern TN & KY and western VA. It's amazing how well 54-Jellico gets out with their high power. Most of this early AM W65 in Springfield, IL (WSEC-14) was rebroadcasting KMEG (-400 mi). Normally when tr is up, they do WFIE, but this was a first.

17 tr WLWT-DT 35 OH Cincinnati DTV #16 340  
WCYB-DT 28 again

The opening appears to be dying now, but Pittsburgh 22 and 53 and WNPB in WV are still in. Earlier the "Fox 59" in WV was over the "Fox 59" in Indy. WLFG-68 VA and WMSY-52 VA also in. 25 tr Ch 61 3ABN in Omaha and ch. 68 ANC in Overland Park, KS are both in color. Also ch. 46 in SD is blasting in, etc. This AM, I was getting tons of MN xtrs. Most were relogs, but some could be new or displaced channels. The Chicago stations have been practically nonexistent which is unusual.

0154 60 ANC all AM to NNW  
0156 50z religion (not TBN) to NNW

possibly the LPTV in LaCrescent, MN  
0229 36 "WB 23" NOT TwinCities to

NNW w/"Mama's Family". A MN xtr picking up the IL WB instead?

0250 53 TBN towards Sioux Falls, SD  
Matt Sittel got this too, but I think he said it was towards Milwaukee. 2nd time seen here this past week.

K54AT 54 Brainard MN with KYOU-15 instead of KVR-15 (455 miles)

Ch 44, strange sounding TP all AM to NNW

0325 36 "K\_WB" MN xtr??  
34 WCCO-4 xtr

28 tr W64BO 64 NC Franklin in color 539  
Also had the W51 in Flintstone, GA in solid color for 15+ minutes. It's never been that strong before.

WAGA-DT 27 decoded for ~5 min 578

I had never considered it possible with ch. 27 being such a mess here. It was just the right combination of all ch. 27 NTSC pests being able to be nulled due to conditions and the screened dish.

WSB-DT has been in solidly at times 578  
WYHB-LP 39 TN Chattanooga 474



For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

## February 2001

**Jim Thomas**  
wdxOfbu  
280 E. Katsura St.  
Milliken, CO 80543  
OldWestGraphics@excite.com  
MST

Pioneer TX-9500 w/2 IF filters, CM Stereo Probe 9 @ 25'. All new unless otherwise noted.

11/1 Ms  
2255 WCMU 89.5 MI Mt. Pleasant, RDS "WCMU" 1086

11/5 Ms  
0733 KENW 89.5 NM Portales, RDS "KENW 89.5," new state! 443

11/6 Ms  
2006 WMAE 89.5 MS Booneville, "...WMAE, 89.5, MS's public broadcasting..." 1008

11/8 Ms  
0533 KOKS 89.5 MO Poplar Bluff, "...insurance in Dexter, MO. Their phone # is 634-5830..." 852

11/10 Ms  
0550 KHCD 89.5 KS Salina, RDS (2 sec) "KHCD 89.5," logged before via Tr 432  
0829 WJTY 88.1 WI Lancaster, "...here in Lancaster" 782

11/14 Ms  
0539 KAFX 95.5 TX Diboll, "95.5 wx, sponsored by your Wal-Mart in Nacogdoches, eastern TX's 1 stop shopping" 873  
0621 KKMJ 95.5 TX Austin, "...this is Grace, & thanks for listening to Magic" 823

11/17 Ms  
0800 KXHV 89.7 CA Sacramento, "41 degrees in Sacramento, here's what's going on..." 924

11/26 Tr  
2024 KSLS 101.5 KS Liberal, ad ment Dodge City, Garden City & Liberal 337

11/27 Tr  
1612 KOLT 103.7 NE Gering, jingle "KOLT" 130

11/29 Tr  
2000 KLXS 95.3 SD Pierre, "The best mx of the 80s, 90s and today, KLXS, the new XS-95" 381

2301 KAVD 103.1 CO Limon, "Oldies 103.1," stereo, new station s/on 130

11/29 Ms  
2232 CHOM 97.7 PQ Montreal, FF pgm 1653

12/5 Ms  
0600 WNIJ 89.5 IL DeKalb, "...on WNIJ..." 877  
0604 CBSM 89.5 ON Sault Ste. Marie, relog, RDS "CBSM," regular visitor via Ms - about 6x since early November

12/8 Ms  
0521 WHSA 89.9 WI Brule, "...in Madison it's 29 degrees. This is WHSA, Brule" 819  
0626 WRVG 89.9 KY Georgetown, "...89.9, WRVG" 1129

12/11 Ms  
0659 WKXA 100.5 OH Findlay, "100.5, WKXA" 1145  
0810 KNUE 101.5 TX Tyler, "...45 here at KNUE" 792  
1004 KXAC 100.5 MN St. James, "...in the K-Lite listening area..." 609

12/11 Tr  
1411 KRCS 93.1 SD Sturgis, "Hot 93.1" 297  
1601 KZZI 95.9 SD Belle Fourche, "...Rapid City's country music, KZ Country, 95.9 FM..." 309

12/12 Ms  
0613 CHOM 97.7 PQ Montreal, FF, in several times (relog) 1633  
0638 WGLR 97.7 WI Lancaster, area basketball scores (LaCrosse Central, Benton) 782

12/13 Ms  
0552 KLND 89.5 SD Little Eagle, RDS "KLND," relog (received via tropo prev) 437  
0630 WIAA 88.7 MI Interlochen, RDS "WIAA" 1049  
0630 CIMX 88.7 ON Windsor, "...here on the morning X," relog via Es prev 1173

0652 WOJB 88.9 WI Reserve, "...WOJB, Reserve, Wisconsin" 806  
0700 WLSU 88.9 WI LaCrosse, "...this is WLSU..." 768  
0736 KNSR 88.9 MN Collegeville, "this is Minnesota Public Radio" 668  
0759 CBQT 88.3 ON Thunder Bay, RDS "CBQT," relog via Es prev 974

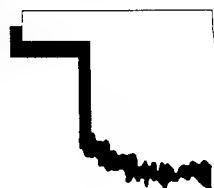
0841 CHUO 89.1 ON Ottawa 1547  
12/14 Ms  
0545 KABU 90.7 ND Fort Totten, Native American music 620  
0602 WAUS 90.7 MI Berrien Springs, RDS "WAUS 90.7" 1002

12/16 Tr  
1652 KPRF 98.7 TX Amarillo, "...Gingiss Formalwear in the Peppertree Square" 402  
1929 KRNY 102.3 NE Kearney, "...we're on the web... check out our website at KRNY.com" 337

12/26 Ms  
1015 WHAD 90.7 WI Delafield, RDS "WHAD" 901



# Southern FM DX



John Zondlo  
4009 Driftwood Circle  
Yukon, OK 73099  
Jpzondlo@aol.com  
CST

11/18 Ms  
0208 KTCZ 97.1 MN Minneapolis, "Cities 97" 697  
0300 KMSK 91.3 MN Austin, BBC World Service 619

February 2001



## From the Editor

Isn't meteor scatter frustrating? Yes! But it can be very rewarding, as you can see from mine and Jim's catches in this issue. I look forward to E-skip season....it's a whole lot easier!

Southern FM DX relies on your support. Once you get that DX, share it with the rest of us. See y'all next month!

# NORTHERN FM DX

Keith McGinnis  
383 Shirley St. #2 Winthrop MA 02152  
longwave@mediaone.net  
617-846-5760 deadline 5th of each month

I would like to apologize for the lack of a FM North Column in last month's VUD. My family and I had to make a fairly quick move as the house we were living in was in the process of being sold. There was a report ready but between living out of boxes for a few weeks and not being able to find things, I couldn't get a report out on time. Also please note that I have a new email address.

Please let me know if you don't want your address and phone information listed here.

## Ralph Strobel 106 E. Davidson Street Muncie IN 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas/rotors at 32 & 38 ft agl separated at 23 feet using a Bolin phase box numbers at far right are mileage - \* denotes use of phase box underlined are new - shaded are via new propagation mode

October 4 1999 MS			January 2 2000 Tropo		
0137	KXIA	101.1 Marshalltown IA	2100	<u>WROQ*</u>	97.1 Goodlettsville TN over WENS Shelbyville IN at 50 miles
October 7 1999 Tropo			January 3 2000 MS (23 second burst)		
0200	<u>WSKL</u>	92.9 Veedersburg IN	1900	KOSI	101.1 Denver CO
October 13 1999 Tropo			January 16 2000 MS		
0005	<u>WRAN</u>	98.3 Tower Hill IL over WXIR Planfield IN 63 miles	0003	WRR	101.1 Dallas TX
October 14 1999 MS			January 20 2000 Tropo		
0000	WRR	101.1 Dallas TX	0013	<u>WLRD</u>	96.9 Willard OH
November 6 1999 MS			May 13 2000 Es		
1613	WBEB	101.1 Philadelphia PA	1200	KTEP	88.5 El Paso TX
November 7 1999 Tropo			May 24 Es		
0100	<u>W213AQ</u>	90.5 New Paris OH	1248	KVIC	93.3 Port Lavaca TX
December 6 1999 MS			1258	KSTX	89.1 SAT TX
??	KWOX	101.1 Woodward OK	1259	KYFS	90.9 SAT TX
December 13 1999 GW			1302	KLBj	93.7 Austin TX
0100	<u>WRGE</u>	89.7 Greenfield IN	1308	<u>KNES</u>	99.1 Fairfield TX
December 26 1999 MS			1315	KVET	98.1 Austin TX
0450	KBHP	101.1 Bemidji MN	1318	KRNH	95.1 Comfort TX
0545	KOSI	101.1 Denver CO	May 25 2000 Es		
			0858	<u>WRGP</u>	88.1 Homestead FL
			May 28 2000 Es		
			1950	KPAC	88.3 SAT TX
			1955	KVET	98.1 Austin TX

## FM NEWS...continued from page 15

February 2001

Free Radio Santa Cruz (96.3). This may be in part to anger over Congress' passage of the "Radio Broadcasting Preservation Act" which jeopardizes the future of LPFM. Check this space for more updates!

## LPFM UPDATE

Despite Congress' Radio Broadcasting Preservation Act, the FCC is proceeded with the mid-January

Filing window for LPFM. As many as 255 LPFM licenses will be issued, for: CO, DE, HI, ID, MO, NY, OH, SC, SD, WI, and American Samoa. The Congressional mandate against relaxing interference standards means almost none of these are in any major city. To not contradict Congress, none of these 255 licenses threaten the third-channel adjacent protection. With the previous filing window, this may bring the LPFM total up to 600 or 700. The previous states affected are: AK, CA, CT, GA, IL, IN, KS, LA, ME, MD, MI, MN, NE, NH, RI, UT, VA, WY, Puerto Rico, and the Mariana Is., and DC.

• WUBT 103.5 Chicago may soon switch to Top 40, according to strong rumours. Their

owner, Clear Channel, is said to be wanting the slogan "Kiss". Suburban WKIE 92.7 Arlington Heights already is "Kiss", so Clear Channel would have to force the slogan away from them. Clear Channel has copyrighted the Kiss slogan in ALL markets (this is the reason the recent slogan "Kiss Country" on KSSO 94.1 Omaha had to go), even against stations already using the slogan. Some are questioning the legality of this, and waiting for someone to challenge them



on this copyright. This may just be the case where that happens.

**VOLUNTEER! DON'T JUST SIT THERE  
AND READ THE U.U.D.--PARTICIPATE!  
WTFDR is your club, and always in  
need of feature and technical  
material...let's hear from you  
today!**



<b>May 29 2000 Es</b>				1653	<b>KKNG</b>	93.3 Newcastle	OK
1730	KRDO	95.1 Colorado Springs	CO	1700	KDDD	95.3 Dumas	TX
1733	KKXK	94.1 Montrose	CO	1716	WKEZ	96.9 Tavernier	FL
1735	KSPZ	92.9 Colorado Springs	CO	1800	<b>XEQQQ</b>	90.7 Puerto Morelos	QU
1737	KXKL	105.1 Denver	CO	1829	<b>KIVY</b>	92.7 Crockett	TX
<b>June 3 2000 Tropo</b>				1832	<b>KKMR</b>	93.3 Halton City	TX
0044	<b>WVRB*</b>	95.3 Wilmore	KY	1834	KRNK	95.1 Victoria	TX
over WIKI Carrollton KY at 104 miles				1838	KFRQ	94.5 Harlingen	TX
<b>June 10 2000 Tropo</b>				1845	KLOL	101.1 Houston	TX
0000	<b>WAVE</b>	88.3 Kankakee	IL	1845	WRR	101.1 Dallas	TX
<b>June 24 2000 Es</b>				1845	KONO	101.1 Helotes-SAT	TX
1310	WJIS	88.1 Bradenton	FL	1901	XHEC	91.9 Sabinas	CL
1315	<b>WLPI</b>	91.5 New Port Richey	FL	1903	KJFK	98.9 Lampasas	TX
1323	WYUU	92.5 Safety Harbor	FL	1915	KASE	100.7 Austin	TX
1547	KONO	101.1 Helotes-SAT	TX	1924	KVET	98.1 Austin	TX
1600	KHOY	88.1 Laredo	TX	1940	KXTN	107.5 SAT	TX
1623	XHEC	91.9 Sabinas	CL	2000	<b>CBVR</b>	103.5 New Richmond	PQ
<b>June 25 2000 Es</b>				2020	WBPW	96.9 Presque Isle	ME
0734	WYUU	96.9 Safety Harbor	FL	2036	CIEU	94.9 Carleton	PQ
0743	WAYF	88.1 West Palm Beach	FL	2059	<b>CHOE</b>	95.3 Mantane	PQ
0750	<b>WKEZ</b>	96.9 Tavernier	FL	2100	<b>CBV</b>	95.3 Quebec	PQ
0758	WINK	92.9 Fort Myers	FL	2101	CJMF	93.3 Quebec	PQ
0855	KTZA	92.9 Artesia	NM	<b>July 6 2000 Es</b>			
0915	KQAY	92.7 Tucumcari	NM	1232	KEOM	88.5 Mesquite	TX
0924	KKOB	93.3 Albuquerque	NM	1257	KTDR	96.3 Del Rio	TX
1009	KRWN	92.9 Farmington	NM	1300	KCSE	96.5 Sterling City	TX
1230	KCWC	88.1 Riverton	WY	1301	KNCT	91.3 Killeen	TX
1327	<b>KEZQ</b>	92.9 W. Yellowstone	MT	1312	<b>KYZZ</b>	100.1 San Angelo	TX
1355	KAML	96.9 Gillette	WY	1318	<b>KWER</b>	101.9 San Angelo	TX
<b>June 27 2000 Tropo</b>				1347	<b>KEAS</b>	97.7 Eastland	TX
0159	<b>WHVE</b>	92.7 Russell Springs	KY	<b>July 9 2000 Tropo</b>			
<b>June 27 2000 Es</b>				0100	<b>KUKU</b>	100.3 Willow Springs	MO
0847	KTXT	88.1 Lubbock	TX	over WIFE Connerville IN at 39 miles			
0900	KJAK	92.7 Slaton	TX	0202	<b>KKLH</b>	104.7 Marshfield	MO
0902	KPBB	88.5 Brownfield	TX	<b>July 11 2000 Es</b>			
0915	<b>K201EV</b>	88.1 Guymon	OK	1706	<b>WLAM</b>	106.7 North Windham	ME
<b>July 4 2000 Es</b>				1708	<b>WAYD</b>	105.5 Isleboro	ME
1400	WLPJ	91.5 New Port Richey	FL	1716	<b>WEZQ</b>	92.9 Bangor	ME
<b>July 5 2000 Es</b>				<b>July 13 2000 Tropo</b>			
1520	WJIS	88.1 Bradenton	FL	1900	<b>WJCF</b>	88.1 Morristown	IN
1530	WMCU	89.7 Miami	FL	<b>July 14 2000 Tropo</b>			
1533	WUCF	89.9 Orlando	FL	0129	KNYD	90.5 Broken Arrow	OK
1538	WAYF	88.1 West Palm Beach	FL	0320	KOFM	103.1 Enid k, previous Es	OK
1618	KNTU	88.1 Denton	TX	0356	<b>KRAV</b>	96.5 Tulsa	OK
1625	KEAS	97.7 Eastland	TX	0359	<b>KKID</b>	92.9 Salem-Rolla	MO
16322	KTDR	96.3 Del Rio	TX	0416	<b>KBEZ</b>	92.9 Tulsa	OK
1642	UNID	95.3 ???	???	0445	KXUS	97.3 Springfield	MO
1652	KDCD	93.3 San Angelo	TX	0530	KAMS	95.1 Mammoth Spg	AR

#### July 16 2000 Es

1943	<b>KMSA</b>	91.3 Grand Jct	CO
2030	KTEP	88.5 El Paso	TX
2036	KSBJ	89.3 Humble	TX
2038	XET	94.1 Monterrey	NL
2042	XHRK	95.7 Monterrey	NL
2100	KVRT	90.7 Victoria	TX
2105	KLUX	89.5 Robstown	TX

#### July 18 2000 Tropo

0100*	<b>WPER</b>	93.9 Clinton	IN
over WGRL Noblesville IN at 36 miles			

#### July 21 2000 Es

1250	KSEL	95.3 Portales	NM
1307	KTXT	88.1 Lubbock	TX
1523	KKOB	93.3 Albuquerque	NM

#### July 23 2000 Es

1551	WAVV	101.1 Marco	FL
1555	WQYK	99.5 St. Petersburg	FL
1558	WEOW	92.5 Key West	FL
1610	WJIS	88.1 Bradenton	FL

#### July 25 2000 Es

1729	CJAB	94.5 Chicoutimi	PQ
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#### July 26 2000 Es

0915	WJIS	88.1 Bradenton	FL
0920	WAYF	88.1 West Palm Beach	FL
0931	WZZR	92.7 Stuart	FL
1000	<b>WIRP</b>	88.3 Pennsuko	FL
1028	WZTA	94.9 Miami Beach	FL
1029	WARO	94.5 Naples	FL
1035	WMCU	89.7 Miami	FL
1045	WSOR	90.9 Naples	FL
1050	WEOW	92.5 Key West	FL
1053	WSJT	94.1 Lakeland	FL
1056	WOLZ	95.3 Fort Myers	FL
1104	WSMR	89.1 Sarasota	FL

#### July 29 2000 Es

1514	KJIC	90.5 Santa Fe	TX
1838	WAYF	88.1 West Palm Beach	FL

#### July 31 2000 MS

0352	KRMD	101.1 Shreveport	LA
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#### August 2 2000 MS

1809	KOSI	101.1 Denver	CO
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#### August 3 2000 Es

1225	KLNC	93.3 Killeen-Austin	TX
1240	KPAC	88.3 SAT	TX
1247	KQUR	94.9 Laredo	TX
1254	<b>KSIL</b>	92.5 Devine	TX
1300	KRNH	95.1 Comfort	TX

#### August 4 2000 Tropo

0400	<b>WRYP</b>	98.5 Eureka	IL
<b>August 4 2000 Es</b>			
1125	KPAC	88.3 SAT	TX
1129	KVET	98.1 Austin	TX
1130	KSAB	99.9 Corpus Christi	TX
1135	<b>KGSR</b>	107.1 Bastrop	TX
1146	KAJA	97.3 SAT	TX
1155	KMML	96.9 Amarillo	TX
1224	KKOB	93.3 Albuquerque	NM
1227	KNOM	106.7 Los Alamos	NM
1246	KDAG	96.9 Farmington	NM
1252	KSND	93.3 Lamar	CO
1301	KRCC	91.5 Colorado Springs	CO
1304	KKXK	94.1 Montrose	CO
1315	<b>KSKX</b>	105.5 Security	CO
1321	KRAI	93.7 Craig	CO
1324	KHIH	95.7 Denver	CO
1326	KBCO	97.3 Boulder	CO
1328	KOLZ	100.7 Cheyenne	WY

1337	KUNC	91.5 Greeley	CO
1342	KIQZ	92.7 Rawlins	WY
1343	KMOR	92.9 Scottsbluff	NE
1345	KMLD	97.3 Caspar	WY
1402	KLGT	92.9 Buffalo	WY
1932	WEVO	89.1 WEVO	NH
1959	WSSY	94.9 Millinocket	ME

#### August 8 2000 Tropo

0607	<b>WUGO</b>	102.3 Grayson	KY
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#### August 10 2000 Tropo

0200*	<b>W291AM</b>	106.1 Kokomo	IN
over W291AH out of Munice IN 50w at 2 mile			
0531	<b>WILE</b>	97.7 Byesville	OH

#### August 11 2000 Tropo

0210	<b>KLIR</b>	101.1 Columbus	NE
k, "Clear-101", previous ms			

#### August 12 2000 MS

1704	KOSI	101.1 Denver	CO
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#### August 12 2000 Tropo

2315	<b>KMMO</b>	102.9 Marshall	MO
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#### August 13 2000 Tropo

0133	<b>KZBK</b>	96.9 Brookfield	MO
2300	<b>WAOX</b>	105.3 Staunton	IL

<b>August 25 2000 Tropo</b>				0200	<u>KCGN</u>	101.5	Ortonville	M	
1330	<u>KLQL</u>	101.1	Luverne	MN	1700	<u>WIZM</u>	93.3	La Crosse	W
1343	<u>KZKX</u>	96.9	Seward-Lincoln	NE	1802	<u>WROI</u>	95.7	La Crosse	W
1637	<u>KSYM</u>	103.5	Mankato	MN					
1659	<u>WCAL</u>	89.3	Northfield	MN	<b>September 4 2000 Tropo</b>				
1700	<u>KGAC</u>	90.5	St Peter	MN	2300*	<u>WBZM</u>	107.7	Fairbury	IL
2000	<u>KXCV</u>	90.5	Maryville	MO	over WMRS Monticello IN at 83 miles				
2308	<u>KEZO</u>	92.3	Omaha	NE					
2328	<u>KTNP</u>	93.3	Bennington	NE	<b>September 13 2000 GW</b>				

August 26 2000 Tropo				testing with "Tie Me Kangaroo Down Sport" for two weeks -					
0037	KIAQ	96.9	Clarion	IA	"KORN - Corn Country" k				
0100	KNWC	96.5	Sioux Falls	SD	September 24 2000 MS				
0101	KTWB	101.9	Sioux Falls	SD	2343	WRR	101.1	Dallas	T
0232	KFMG	103.3	Pella	IA	October 8 2000 MS				
over WRZX Indianapolis IN at 50 miles									
0237	KUOO	103.9	Spirit Lake	IA	2341	KOSI	101.1	Denver	C

<b>August 28 2000 Tropo</b>				<b>October 24 2000 Tropo</b>			
2155*	<u>WRNZ</u>	105.1 Lancaster	KY	0400*	<u>W2O3AS</u>	88.5 Wabash	IN
over WUBE Cincinnati OH at 88 miles				over WMUB Oxford OH at 58 miles			

<b>August 30 2000 Tropo</b>				<b>November 1 2000 Tropo</b>				
0010	KKIQ	105.5	St. Joseph	MO	2300	W2O4BF	88.7 Fort Wayne	IN
0143	KXLP	93.1	New Ulm	MN				
over WNOU Indianapolis IN at 50 miles				over WICR Indianapolis IN at 50 miles				

#### Meteor Scatter Results

10/4	KXIA	"Iowa's best country, Kicks 101 off the number one album in America. That's the Dixie Chicks...."						
10/14	WRR	"Classical 101"						
11/06	WBEB	"B 101"						
12/06	KWOX	"seven for Northwest Oklahoma and the panhandle"						
12/26	KBHP	"all time favorites KB 101 continous country"						
1/03	KOSI	"very cold tonight single digits to maybe 10 above. Sunny windy and 49.....etc....KOSI Denver, we're looking back at 1999"						
1/16	WRR	"history of WRR. The WRR classical 101 50th anniversary CD Rom is available now"						
7/31	KRMD	"here on KRMD"						
8/2	KOSI	"Choice for great light rock KOSI 101 - Go West"						
8/12	KOSI	"Thanks for hangin out with this weekend. Your choice for great light rock KOSI 101"						
9/24	WRR	"concert on WRR classical 101"						
10/8	KOSI	"here on KOSI"						

As anyone can see from this report the E skip season here was a bomb and very dissappointing. When Dxers in IL were having a blast logging new stations, little or nothing was happening here! I am too close to the East coast to get skip in that direction. Skip to TX is most common here in Indiana.

Can some of our Canadian members let me know if I counted CBVR New Richmond correctly? The station was mono and on the hour I taped "CBC Radio One...The Quebec Community Network."

The four pirate FM's that were on the air here at a North Walnut Street Nursing Home. have been off the air for some time. I have no idea why they were taken off the air. Near our Walmart, The Family Kitchen Restaurant is still being advertised on 107.5. The signal carries about four blocks.

**Steve Solomon Yarmouthport MA** (mcy@makkayradio.com)  
Equipment: Yamaha T-85 with modified filters; CM Probe 9 at 30 feet

<b>October 1 2000 Tropo</b>			
WXBE	97.9	Hazelton	PA
WCTP	94.3	Carbondale	PA
CBHN	106.5	Middleton	NS

<b>October 6 2000 Tropo</b>			
WGMS	103.5	Washington	DC

<b>October 14 2000 MS</b>			
WOVO	105.3	Glasgow	KY
CJLB	105.3	Thunder Bay	ON
CKBY	105.3	Ottawa	ON

<b>October 15 2000 Tropo scatter</b>			
WKHL	96.7	Stamford	CT

<b>November 6 2000 Es</b>			
WEAS	93.1	Savannah	GA

<b>November 21 2000 Tropo Scatter</b>			
CFLY	98.3	Kingston	ON

<b>November 29 2000 Tropo Scatter</b>			
CITE	102.7	Sherbrooke	PQ
WRJT	103.1	Royalton	VT

<b>November 29 2000 GW</b>			
WAMH	89.3	Amherst	MA

<b>December 6 2000 MS</b>			
WIMK	93.1	Iron Mountain	MI

<b>December 6 2000 Tropo Scatter</b>			
CKQB	106.9	Ottawa	ON

<b>December 27 2000 Es</b>			
0715	WTBX	93.9	Hibbing
0729	KXLP	93.1	New Ulm
0735	KDKK	97.5	Park Rapids
0737	KZPK	98.9	St. Cloud
0746	KXKK	92.5	Park Rapids
0750	WROE	94.3	Neenah
0754	KDOM	94.3	Windom
0758	KSKK	94.7	Staples
0759	WOFM	94.7	Mosinee
0803	KMXK	94.9	St. Cloud
0805	KKOK	95.7	Morris
0808	WOLX	94.9	Baraboo
0817	WSOB	95.7	Dell Rapids
0820	WJMC	96.1	Rice Lake

**Saul Chernos 57 Berkeley ST Toronto ON M5A 2W5**  
**416-364-0725 (schernos@sympatico.ca)**

**October 4 Tropo (from Toronto-Scarborough Bluffs)**

0100 WRFM 93.5 Remsen NY Warm 93-5 mr

**October 14 Tropo (Toronto-Downtown)**

1800 106.3 Toronto ON French ballads, Radiohonique due Toronto

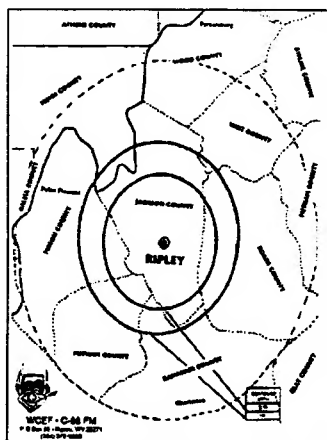
**November 2 Tropo (Toronto-Snowball)**

0031 CBON21 104.9 Gogama ON CBC French mono  
0100 WCSB 89.3 Cleveland OH jazz

**January 8 2001 Tropo (Toronto-Snowball)**

0115 CN Tower Station go off the air or onto auxillary power  
0140 WCIH 90.3 Elmira NY Christian Music  
0143 WIII 99.9 Cortland NY "Cortland Ithaca-Classic Rock Station"  
0204 CBON 98.1 Sudbury ON CBC french mono  
0238 Tower Stations sign back on

The Oct 14 French signal on 106.3 was the work of a group who applied but failed to get a licence for a French-language community station. They may have been operating with an Industry Canada permit. It may have been Francophone Week. Their modulation was the pits. We had advance word that the CN Tower stations would be shutting down or going on very low power auxilliary transmitters from 0115 to 0300 ELT Jan 8. The sign-on was a bit sooner than expected, but conditions were dreadful anyhow, so it didn't really matter much. Went to the Snowball site at the n.w. edge of the Greater Toronto Area with fellow DXer Niel Wolfish and managed just three relogs, and even those were extremely weak / fading. Locals 90.3, 91.1, 94.1, 98.1, 100.7 and 102.1 were completely off. 97.3, 99.9, 104.5 and 107.1 were using auxilliaries. On the vacant frequencies, you could sometimes hear noise generated by the test gear. My contact at the CN Tower tells me they took the frequency responses of both the full antennae and so I heard the spectrum analyzer. I'm told there may be another maintenance in late spring. If I get word, I will issue an alert over the WTFDA e-mail list. 73s, Saul.



**C98FM**  
Ripley. WU

## The Blowin' in the Wind Up on the Roof Sonically Pure method for Well-To-Do Homeowners and Flat-Broke Experimenters

by  Sonic Purity

Gotta roof? Use it! If you own your dwelling unit (or have way cool landspeople as I do {props to Tom & Barbara!}), you have no excuse! There's probably an existing TV antenna cold chillin' up there doing nothing.

### My Aim is True

I bought a top-of-the line Channel Master model 4408 in 1986 for under \$60. In the mid-'90's it's become the 3025, with a suggested list of (all prices US)\$90.09, though Pacific Valley in Dublin, CA @ (510) 829-5960 (voice) has 'em for \$80.12. It's big, sorta phallic & ugly, but i get the locals with no noise all the time in my rented natural habitat here in Albany, and get Napa, Cupertino (89 km/55 miles away) and beyond quite listenably.

### Heavy Rotation

Any antenna of this type is highly directional (to block out other unwanted stations on the same frequency, and multipath "bounce" signals of the station you want), and requires a rotation mechanism (unless you *never* listen to anything besides your one chosen station!).

If you're really a fabrication wizard, perhaps you'll make your own rotation scheme. Most of us will buy an electric antenna rotator. Simple concept: motor on pole turns antenna, box in house controls motor. Not so simple to do well—many cheap rotators stop dead in their tracks in just a few years. And what happens when the wind changes direction?

Look for motors housed in metal, preferably bare galvanized aluminum.

Since the typical noncommercial music radio listener is good with her/his hands, and doesn't enjoy spending this kind of money (except, perhaps, at the local recorded music purveyor...), Sonic suggests revisiting the homebrew approach, or (better) scouring garage sales, Salvation Army, Goodwill, salvage places like Urban Ore, etc. for used antenna rotators. Buy early and buy often.

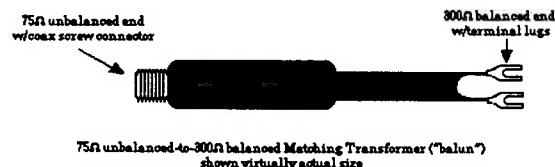
If you're presently using a rooftop configuration you inherited from someone else, you're disappointed with its performance, and you haven't personally inspected roofland nor participated beyond sticking the wire into the tuner, beware the following: FM traps, corrosion, broken connections, aimed incorrectly, wrong cable. Despite a top-notch rooftop, clean, intact rooftop antennas outperform rusty/corroded/broken ones. Though you could get busy w/the steel wool, it's probably best to start with a brand-new FM-only with state-o'-art oxidation reduction protection. Similarly, unless the cabling is high-grade coaxial, accept crap. You may also need transformers to match 75 ohm coaxial cable to a (typically) 300 ohm antenna, and possibly the receiver (consult yer owner's manual or local audio guru if in doubt). Aim per the preceding paragraph, and watch out for those pesky FM traps! See, some wacky humans actually *want* to watch television, and sometimes a powerful FM radio broadcast station will interfere, and ruin their pickypix. Those clever TV antenna guys'll install a filter (FM Trap) at the antenna, *in* the antenna (especially Winegards), or at the TV set. Some impedance matching transformers include an FM Trap (they usually will proudly declare such is the case on their housing). Since the trap's job description is to dump as much 88-108 MHz as possible, needless to say you won't get optimum FM reception with one of these in the line. Make it go away.

### For Well-to-do Homeowners and Lucky Renters

If there isn't anything usable up there, or if you want the absolute best sound you can possibly get, buy a brand-new FM-only rooftop antenna, and new WAVEGUIDE. Although nearly anything on the roof will beat anything in the house, get the biggest, longest "deep fringe" antenna you can afford, even if you live down the street from your station (well OK...if you're closer than 3 blocks, use a "T". Over the last 25 years, the best brands have been Channel Master and Winegard.

A top-notch antenna needs top-notch cabling. Don't even think about using anything unshielded (e.g. "twinlead"). I chose what the cable installers use(d): Belden 9114 Duobond II CATV Coax (just ask for Belden 9114). This is a premium low-loss 75 ohm coaxial shielded cable specially designed to carry TV/FM signals without mucking them up, and you can actually still buy it these days (\$51.75/500' from Newark Electronics in September 1999, and it's still state of the art. 500' [about 150m] is the smallest box [eep!], so you may need to go in with a friend, or find a philanthropic CATV installer).

Many antennas (such as the 4408/3025) are 300 ohm, so you'll need a matching transformer



(sometimes called a "balun"), to convert the 300 ohm antenna signal to a 75 ohm signal that the cable knows how to carry. If your tuner/receiver has 75 ohm connections, connect the coax cable directly there, otherwise you'll need a second matching transformer for the receiver end. Some folks claim RMS brand matching transformers lose less signal—I don't know—they work for me.

You will also need assorted poles, mounting brackets, nuts, bolts, and other goodies specific to your installation, especially if there's no old TV antenna to evict. To figure out your particular hardware requirements, consult a do-it-yourself book, do a websearch and hope something useful has shown up in the years since I wrote this article, or find sympathetic (and hopefully cheap) expertise (my rate is \$1 a minute). Antennae, rotators, and relevant hardware are still barely available at well-stocked TV shops and electronics stores. You will probably not be able to get everything under one roof unless you opt for inferior brands/models. Phone around, and beware of saleslame pushing the brand they happen to sell....

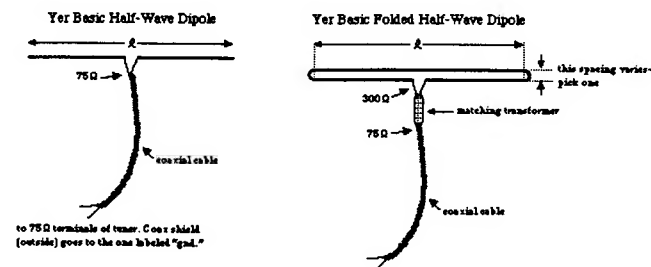
### When time matters more than money...

If you're really well-to-do or don't enjoy hanging out on the roof, pay through the nose for someone to do all this for you—it's worth it if you love radio. By the by, if you're one of those aforementioned wacky vidkid humans, all the above will getcha great off-air video too, if you substitute a mondo-big VHF/UHF/FM antenna (I use a Channel Master Quantum 1160A, and get Monterey & Sacramento on T.V.—with snow), and throw in a signal splitter (NO FM TRAPS!!—watch out!—many splitters have them).

### For Flat-Broke Experimenters

If you twitched at every price listing above, and/or spend more on each album purchase than the current value of any component in your music system, stay put—there's hope...if you are good with your hands and other tools, and have lots more spare time than money. 30+ years of experience and 4 years of U.C. Electrical Engineering have led me to the following conjecturative conclusion: when it comes to making antennas, no one really knows what they're doing. Sure, there's a lot they do know, but it seems to be more experimentation and art than science. Whether or not the preceding statement has any validity, this one does: **no one** knows for sure what kind of antenna apparatus will work best/o.k./at all in your domicile. No one. The world's top experts would have a darn tootin' good idea, but unless they've been to your house, they can't be certain (and if they've been to your house, **why are you reading this?**). Any world's top experts who happen across this article are implored to contact the author at their earliest convenience...share your wisdom with the world—we want to learn more!

Just about every VHF receiving antenna I've ever seen is based on the dipole (fig. 1).



### Yee Basic Folded Half-Wave Dipole made from Twinlead

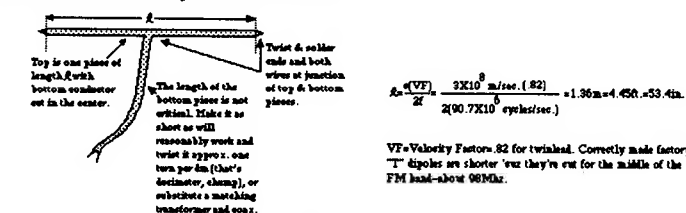


fig. 1

The standard "T" antenna is a pure folded dipole, optimized for the center of the FM band. To make yer own folded dipole, get some "300 ohm twinlead" antenna wire and follow fig. 1, or just go buy one for a couple of bucks (if you don't already have one). Fancier antennas (higher signal sucking and more directional) add smaller elements in front (called *directors*) and/or bigger elements in back (*reflectors*) (fig. 2)

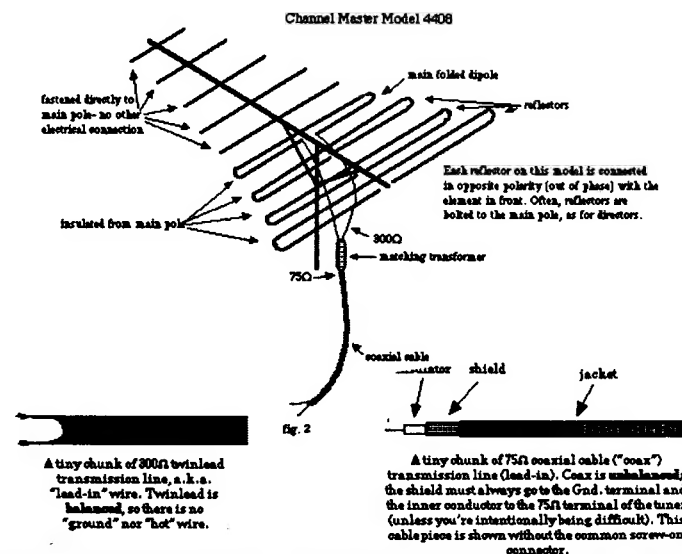


fig. 2

Go ahead what are you waiting for? Grab some wire (electrical, coat hanger,...) and/or chunks of metal (factory antennas are made of aluminum [or alloy] tubing with weather-resistant coatings), string 'em together and see what you get! Rig up yer own rotation arrangement (or buy one) and hoist it aloft! Nothing is too outrageous if it's not a safety hazard and it works. And no one says it has to be on the roof....